

**UNIFIED PLANNING WORK PROGRAM**  
**FOR THE**  
**AUGUSTA REGIONAL TRANSPORTATION STUDY**  
**FISCAL YEAR 2012**

**PREPARED BY THE**  
**AUGUSTA-RICHMOND COUNTY PLANNING COMMISSION**

**IN COOPERATION WITH:**  
**AIKEN COUNTY PLANNING AND DEVELOPMENT DEPARTMENT,**  
**GEORGIA DEPARTMENT OF TRANSPORTATION,**  
**AND THE**  
**SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**

**FINAL**  
**MARCH 2011**



**UNIFIED PLANNING WORK PROGRAM**  
**FOR THE**  
**AUGUSTA REGIONAL TRANSPORTATION STUDY**

**FISCAL YEAR 2012**

**PREPARED BY THE**  
**AUGUSTA-RICHMOND COUNTY PLANNING COMMISSION**

**IN COOPERATION WITH:**  
**AIKEN COUNTY PLANNING AND DEVELOPMENT DEPARTMENT,**  
**GEORGIA DEPARTMENT OF TRANSPORTATION,**  
**AND THE**  
**SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**

**FINAL**  
**MARCH 2011**

The contents of this report reflect the views of the persons preparing the document and those individuals are responsible for the facts and the accuracy of the data presented herein. The contents of this report do not necessarily reflect the views or policies of the Georgia Department of Transportation, South Carolina Department of Transportation, the Federal Highway Administration, or the Federal Transit Administration. This report does not constitute a standard, specification, or regulation.



**AUGUSTA REGIONAL TRANSPORTATION STUDY**

**RESOLUTION OF THE POLICY COMMITTEE**

**ADOPTION OF THE FY 2012 UNIFIED PLANNING WORK PROGRAM**

**WHEREAS** the Governors of Georgia and South Carolina have designated the Augusta-Richmond County Planning Commission as the Metropolitan Planning Organization (MPO) for the Augusta Regional Transportation Study, and;

**WHEREAS**, it is the objective of the Augusta Regional Transportation Study, hereinafter referred to as ARTS, to maintain a comprehensive transportation planning process which results in plans and programs consistent with comprehensively planned development of the urbanized area;

**WHEREAS** the Unified Planning Work Program is an annual element of the ARTS process which outlines the transportation related and other planning projects to be undertaken during the forthcoming fiscal year; and

**NOW THEREFORE BE IT RESOLVED** that the ARTS Policy Committee hereby approves the adoption of final Fiscal Year 2012 Unified Planning Work Program.

**Done in open meeting this 3<sup>th</sup> day of March 2011.**

**SIGNED COPY WILL BE INCLUDED IN FINAL DOCUMENT**

---

Deke Copenhaver, Chairman  
Augusta Regional Transportation Study  
Policy Committee



## **TABLE OF CONTENTS**

### **INTRODUCTION**

- |    |  |   |
|----|--|---|
| 1. | Purpose of the Unified Planning Work Program | 2 |
|----|--|---|

### **TRANSPORTATION PLANNING PROCESS**

- |    |   |   |
|----|---|---|
| 1. | Background / Study Area                               | 2 |
| 2. | ARTS Committees                                       | 2 |
| 3. | ARTS Staff  | 3 |
| 4. | Major Transportation Issues                           | 3 |
| 5. | Other Planning Studies Underway or Recently Completed | 5 |
| 6. | ARTS Transportation Goals and Objectives              | 7 |
| 7. | Planning Focus Areas                                  | 8 |

### **PROGRAM ADMINISTRATION AND IMPLEMENTATION**

- |     |                               |    |
|-----|-------------------------------|----|
| 1.1 | Program Coordination          | 12 |
| 1.3 | Training /Employee Education  | 14 |
| 1.6 | Unified Planning Work Program | 15 |

### **PUBLIC INVOLVEMENT**

- |     |                                |    |
|-----|--------------------------------|----|
| 2.1 | Community Outreach / Education | 20 |
|-----|--------------------------------|----|

### **DATA COLLECTION**

- |     |   |    |
|-----|---|----|
| 3.1 | Environmental Justice & SocioEconomic Data  | 24 |
| 3.2 | Land Use Monitoring                         | 26 |
| 3.4 | Transportation Surveys, Models and Analysis | 27 |

### **SYSTEM PLANNING**

- |       |   |    |
|-------|---|----|
| 4.1   | Congestion Management                           | 32 |
| 4.2   | Transit / Paratransit                           |    |
| 4.2.1 | Program Administration - Augusta Public Transit | 34 |
| 4.2.2 | Management & Operations - APT                   | 36 |
| 4.2.3 | Program Administration - Aiken County Transit   | 37 |
| 4.2.4 | DBE Planning                                    | 39 |
| 4.2.5 | Transit Project Administration - SC             | 40 |
| 4.2.6 | Coordination of Non-Emergency Services - SC     | 41 |
| 4.2.7 | Marketing / Public Information - SC             | 42 |
| 4.2.8 | Short Range Transit Planning - SC               | 43 |
| 4.2.9 | Long Range Transit Planning - SC                | 45 |

4.2.10	Transit Financial Planning - SC	47
4.2.11	Environmental Justice / Title VI	49
4.3	Intermodal Planning	50
4.4	Air Quality Issues	51
4.8	GIS / Internet Development and Applications	53
4.11	Long Range Plan	55
4.12	Transportation Improvement Program	56
4.13	Special Transportation Studies	58

## **APPENDIX**

A.	Memorandum of Understanding	60
B.	List of Policy Committee, Technical Coordinating Committee, and Citizens Advisory Committee Members	78

## **FIGURES**

<b>Figure 1</b>	- Funding FY 2012	82
<b>Figure 2</b>	- Agency Participation FY 2012	83
<b>Figure 3</b>	- Proposed Planning Work Schedule	84
<b>Figure 4</b>	- Planning Focus Areas Matrix	85



## **INTRODUCTION**

### **1. Purpose of the Unified Planning Work Program**

The Unified Planning Work Program (UPWP) is the work program for transportation and transit administration and planning activities in the Augusta Regional Transportation Study (ARTS) area. The UPWP includes an overview of the ARTS transportation planning process, and description of each work element to be completed during the fiscal year. The appendix includes a copy of the Memorandum of Understanding (MOU) for the study, a list of the members of the ARTS committees, and a summary of the UPWP budget.

Work elements are grouped in the following categories: Program Administration and Implementation, Public Involvement, Data Collection and System Planning. In FY 2012, most of the work element activities will be the same as they have been in past years. Special emphasis will be placed on completing an update of the regional long-range transportation plan and other special studies, implementing local and regional air quality initiatives and strengthening the public involvement process.

## **TRANSPORTATION PLANNING PROCESS**

### **1. Background / Study Area**

The Augusta Regional Transportation Study (ARTS) is the transportation planning process established for the Augusta GA – Aiken SC urbanized area. The Federal-Aid Highway Act of 1962 established the requirement for transportation planning in urban areas throughout the country. The Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA), the Transportation Equity Act for the 21<sup>st</sup> Century, adopted in 1998, and the Safe, Accountable, Flexible Transportation Equity Act: A Legacy for Users (SAFETEA-LU), enacted on August 10, 2005, are the most recent laws extending the federal requirement for transportation planning.

In keeping with the original federal mandate, the ARTS planning process is cooperative, continuous, and comprehensive. The ARTS planning process is cooperative because it brings together local elected officials, state and federal transportation personnel, citizens, and other interested parties to plan and program transportation projects. ARTS participants continuously evaluate transportation needs and plan for long term improvements. The ARTS process is comprehensive because it considers all modes of transportation, including cars, trucks, buses, airplanes, railroads, bicycles, and pedestrians.

The ARTS area includes the urbanized part of the Augusta region, as defined by the U. S. Bureau of Census, plus the area expected to become urbanized over the next twenty years. The most recent adjustments to the study area boundaries were approved by the ARTS Policy Committee in June 2003 and were made in response to changes in the urbanized area resulting from the 2000 Census. The study includes all of Richmond County, Georgia, part of Columbia County, Georgia, the Fort Gordon Military Reservation, part of Aiken County, South Carolina, and part of Edgefield County, South Carolina. Incorporated places within the study area include the Georgia cities of Augusta, Hephzibah, Blythe and Grovetown, and the South Carolina cities of Aiken, North Augusta, and Burnetown.

### **2. ARTS Committees**

The ARTS planning process is guided by four committees: the Policy Committee (PC), the South Carolina Policy Subcommittee, the Technical Coordinating Committee (TCC), and the Citizens Advisory Committee (CAC). The Policy Committee, meets quarterly and is responsible for prioritizing projects and making final decisions on ARTS planning and programming issues. The committee is comprised of local elected officials, representatives of the Georgia and South Carolina Departments of Transportation, representatives of the Federal Highway

Administration and Federal Transit Administration, the ARTS Project Director, and the Chairman of the CAC. The South Carolina Policy Subcommittee serves in an advisory capacity to the Policy Committee, and is responsible for insuring that the South Carolina portion of ARTS is kept up-to-date. The South Carolina Policy Subcommittee meets quarterly and is comprised of local elected officials (voting members), and federal, state and local appointed personnel (nonvoting members).

The Technical Coordinating Committee (TCC) meets 6-7 times each year, normally in conjunction with the Citizens Advisory Committee, and is responsible for completing all technical work related to the ARTS planning process. The TCC maintains all of the required transportation related documentation, and serves in an advisory capacity to both the Policy Committee and Citizens Advisory Committee. The TCC is comprised of transportation engineers, planners, and managers from the federal, state, and local levels.

The Citizens Advisory Committee (CAC) meets 6-7 times each year, normally in conjunction with the TCC, and is responsible for providing citizen input on all aspects of the ARTS planning process. The CAC is comprised of citizens from throughout the ARTS area. The role of the CAC is crucial to the success of the ARTS transportation planning process.

### **3. ARTS Staff**

The Augusta-Richmond County Planning Commission (ARCPC) is the designated Metropolitan Planning Organization (MPO) for the ARTS. The Executive Director of the ARCPC is the ARTS Project Director and is responsible for overall supervision of staff work on the planning process. In addition to staff of the ARCPC, employees of the Georgia Department of Transportation (GDOT), the South Carolina Department of Transportation (SCDOT), the Aiken County Planning and Development Department (ACPDD), and the Lower Savannah Council of Governments (LSCOG) are involved in ARTS planning activities. The ACPDD staff is responsible for planning activities in the Aiken County part of the study area. The LSCOG is responsible for planning and administrative activities for Aiken County Transit. Planners with GDOT and the SCDOT coordinate state-level aspects of any studies, assist with technical analysis, and play a major role in the development and utilization of the ARTS travel demand model.

### **4. Major Transportation Issues**

To be effective the ARTS planning process must address transportation issues in the study area. Urban sprawl and near total dependence upon the automobile is eroding the efficiency of the area's road network and the desirability of public transit as an alternative means of transportation. As a result, the following issues are important to improving the study area's transportation system:

- **Congestion Management** – Alleviating traffic congestion and improving the efficiency of the existing transportation network is important to the study area. Each year ARTS completes a travel time survey on area roads and publishes a Congestion Management System report summarizing the results of the survey and the status of projects to mitigate congestion. Special studies completed in recent years related to congestion management include the update of the ARTS 2030 Long Range Transportation Plan (2010) and the Whiskey Road-Powderhouse Road Connector Study (2006), and the update of the ARTS Regional Bicycle and Pedestrian Plan is currently underway (2011). Two studies in progress include 1) Aiken County's travel demand model that also includes the ARTS boundary in Edgefield County and 2) City of Aiken's North Side Road Network Study. The results from the North Side Study will be used as a reference for the upcoming SC Highway 19 Corridor Study. Aiken County expects to hire a consultant around July 2010 to begin the SC 19 Study. Aiken County also expects to hire a consultant around April 2010 to begin the US 1/US 78 Corridor Study. The City of Aiken expects to hire a consultant in late FY 2010 to begin the Dougherty Road Corridor Study.

- **Air Quality** – Currently, ARTS is a partner in the CSRA Air Quality Alliance, an initiative to proactively improve air quality in the Augusta-Aiken area. The alliance is comprised of a variety of stakeholders including business, industry, environmental organizations, neighborhood associations, public utilities, economic development organizations, agricultural and forestry interests, elected officials, local, regional and state government agencies, Fort Gordon and the Savannah River Site. The principal objective of the Alliance is to develop and implement an action plan of local and regional air quality initiatives. The Alliance has formed three smaller technical groups (Heavy-Duty Diesel, Policy and Regulatory, and Education and Outreach) to identify proactive steps that can be taken at the local and regional level to reduce the level of fine particulate matter in the atmosphere. In June 2009 a Prescribed Burn subcommittee was formed to share information about smoke management practices and research in the region. Major stakeholders on this subcommittee include Fort Gordon, the Savannah River Site, the US Forest Service,, state air qulaity agencies

The Alliance meets periodically to discuss air quality issues and review air quality data and conditions. The U. S. Environmental Protection Agency, South Carolina Department of Health and Environmental Control, Georgia Environmental Protection Division, South Carolina Department of Transportation and Georgia Department of Transportation also participate in the Alliance and provide technical support to the group. Over the past decade ARTS has participated in other air quality initiatives including an air quality task force sponsored by the Augusta Metro Chamber of Commerce, the Fall Line Air Quality Study, the Ozone Early Action Compact and the South Carolina Transportation Conformity Memorandum of Agreement.

On the South Carolina side, Aiken County ARTS staff is periodically participating in various air quality meetings. Over the last year, two meetings involved discussions on the critical air quality challenges ahead of us and looming EPA decisions which will have a huge impact on existing industries and Aiken County's ability to recruit new industry. Discussions included specific AQ issues with industry stakeholders of Aiken County. Also, a kickoff meeting was held by Fort Gordon, SRS, Georgia EPD, Georgia Forestry Commission, SC DHEC, and Aiken County to discuss prescribed burning/smoke management issues in the area.

Finally, the City of North Augusta is proposing a Park & Ride Facility which could potentially benefit the air quality in the area as a result of ridesharing and fewer vehicle emissions. If approved and funded, the facility would be located on a 3.4 acre parcel of SCDOT right-of-way in the northwest quadrant of Exit 5 off I-20. A conceptualization meeting co-hosted by SC DHEC was held in October 2009, which included, among others, local stakeholders from major manufacturing industries. SC DHEC will keep the EPA apprised of Aiken County's efforts such as this one, to continually improve air quality in the area.

- **Bike / Pedestrian Facilities** – The ARTS Regional Bicycle and Pedestrian Plan was completed in January 2003. This updated the original bicycle plan completed in 1994. The plan provides a blueprint for development of bicycle and pedestrian facilities over the next 20 years. The plan includes an inventory of the current regional bicycle and pedestrian network, design standards for new facilities, a list of 194 recommended projects (with cost estimates), and strategies for implementing the projects. The Federal Highway Administration and Federal Transit Administration recommend that the Bicycle and Pedestrian Plan and the ATMS Master Plan be updated (see ARTS Certification Review Report of September 18, 2008). The Consulting Firm Alta Greenways has been hired to prepare the ARTS Regional Bicycle and Pedestrian Plan 2011. Alta Greenway will be preparing a separate document in conjunction with the Regional Plan for Aiken County.
- **Public Involvement** – In order to increase public participation in transportation planning, the MPO is constantly developing new outlets for informing the public about transportation programs, and creating partnerships with organizations not previously involved in transportation planning. Some recent

initiatives include expanding the ARTS newsletter mailing list to include more non-profit organizations representing underserved populations, using 2000 Census data to map the concentration of Environmental Justice communities in the study area and making direct outreach with EJ communities. Public awareness has also been enhanced by ARTS setting up a booth at local community events and by visiting local schools to get students, their parents, and faculty more involved.

- **Public Transportation** – The MPO and local transit partners are challenged to increase the use of public transportation in an era of shifting land use patterns, mandates for new services, and tight operating budgets. Providing transportation services for the disabled and the environmental justice population is a related issue. The Transit Development Plan for Augusta Public Transit (APT), completed in the fall of 2009, provides a blueprint for improvements to APT's routes, schedules and services and for maintaining connections to the Best Friend Express in Aiken County.
- **Coordinating Land Use and Transportation** – Coordinating land use and transportation improvements is important given expected regional development patterns. The MPO will have to work closely with local planning and development organizations to promote sound land use practices while protecting the substantial investment in transportation projects. Land use planning will be a major element in the upcoming US 1/US 78 and SC 19 Corridor Studies for Aiken County.
- **Railroad / Motor Vehicle Conflicts** – Due to the presence of at-grade railroad crossings are present on roads throughout the study area there are many opportunities for conflicts between trains, vehicles and pedestrians. In the last 20 years overpasses have been built at some key locations in the Georgia part of the study area. The St. Sebastian Way / Greene Street Extension, which is currently under construction, will include dual ramps on River Watch Parkway that separate vehicular traffic from the CSX Railroad line. An earmark of \$2.0 million was included in the FY 2004 Federal supplemental budget for planning and preliminary engineering of another project to address this issue. Continued cooperation among the railroads, transportation agencies and local governments is essential to resolving what is a long-term problem.

ARTS adopted a group of goals and objectives to address these issues (see subsection 6). First adopted in 1974, the goals and objectives guide the transportation planning process and serve as benchmarks for measuring program accomplishments. The goals and objectives were amended in 1993, to conform to the mandates of ISTEA, and were further refined by the 1994-1997 Long Range Plan update process. They were revised again in 2005 as part of the update of the Long Range Transportation Plan.

## **5. Other Planning Studies Underway or Recently Completed**

Transportation and related air-quality issues are of concern to many agencies and organizations in the study area. As a result, a number of planning studies and related implementation measures are being done outside of the UPWP. Following is a list of the metropolitan transportation planning and transportation-related air quality planning studies either recently completed, underway or anticipated within the next year or two.

<b>RECENTLY COMPLETED AND ONGOING PLANNING STUDIES ARTS AREA</b>		
<b>NAME</b>	<b>DESCRIPTION</b>	<b>DATE COMPLETED/ADOPTED</b>
Columbia County Growth Management Plan, 2005	Update of comprehensive plan prepared in accordance with State law	Minor updated in 2010
Augusta-Richmond County Comprehensive Plan, 2008	Comprehensive plan prepared in accordance with State law	Adopted in October 2008
The Westobou Vision: the Augusta / North Augusta Master Plan for the Urban Area	Joint plan for future development of downtown Augusta, GA and downtown North Augusta, SC. Study area included historic neighborhoods and gateways adjoining the downtowns	Adopted in February 2009
The Augusta Development Agenda	Detailed plan for future development of the character areas identified in the Augusta-Richmond County Comprehensive Plan, 2008. Plan to include a group of prorotypical development projects.	completed in July 2010
Aiken County Comprehensive Plan (now includes a Transportation element and Priority Investment element)	Update of comprehensive plan prepared in accordance with State law.	Completed November 2009. Adoption pending.
Augusta Public Transit Transit Development Plan	A study to assess the existing APT system, evaluate alternatives for addressing system needs and recommend a course of action to address current and future needs of the system	Completed December 2009
Aiken County's travel demand model that also includes the ARTS boundary in Edgefield County	Using the existing ARTS computerized traffic model including the existing road and zonal system, SCDOT's on-call consultant will extract the SC portion of the model and produce a model in TransCAD which will allow SC side to rank and prioritize projects more efficiently w/o requesting GDOT to do so.	Anticipated completion Spring 2011.
City of Aiken's North Side Road Network Study	The purpose of the Study is to propose and evaluate a future road network for the north side of Aiken.	Anticipated completion Spring 2011.
Aiken County's US 1 / US 78 Corridor Study	The primary objective of the Study is to evaluate and address current transportation conditions along the corridor and propose future improvements with particular emphasis on flow, capacity, adjacent & nearby land uses, and multimodal planning. The study must also address the wide range of challenges and opportunities affecting the corridor and involve public participation as a critical component towards future planning.	Anticipated completion Fall 2012.

## **6. ARTS Transportation Plan Goals and Objectives**

### ***GOAL #1. DEVELOP A TRANSPORTATION SYSTEM INTEGRATED WITH PLANNED LAND USE.***

- OBJECTIVE 1.** Promote the orderly development of the region by providing transportation services to those areas where growth is planned.
- OBJECTIVE 2.** Discourage development in conservation or preservation areas by limiting access to those areas.
- OBJECTIVE 3.** Promote the revitalization of the urban core through improved accessibility.
- OBJECTIVE 4.** Promote the redevelopment of the urban fringe through improved accessibility.

### ***GOAL #2. DEVELOP A TRANSPORTATION SYSTEM THAT IS FINANCIALLY AND POLITICALLY FEASIBLE AND HAS BROAD PUBLIC SUPPORT.***

- OBJECTIVE 1.** Provide a financially balanced plan based on realistic funding availability and opportunities.
- OBJECTIVE 2.** Provide a plan that works to preserve existing facilities and operate them more efficiently.
- OBJECTIVE 3.** Prepare a plan where total benefits exceed total costs.
- OBJECTIVE 4.** Provide a plan that includes participation from all groups, with special emphasis in reaching environmental justice populations.

### ***GOAL #3. DEVELOP A TRANSPORTATION SYSTEM THAT WILL ALLOW EFFECTIVE MOBILITY THROUGHOUT THE REGION AND PROVIDE EFFICIENT MOVEMENT OF PERSONS AND GOODS.***

- OBJECTIVE 1.** Provide a plan that works to relieve existing congestion and prevent it in the future.
- OBJECTIVE 2.** Provide a transportation plan that realizes the importance of public transportation as a viable option in meeting daily travel needs.
- OBJECTIVE 3.** Provide a plan which positions public transportation as a viable alternative to single occupant vehicles, through routing and scheduling changes and other system improvements.
- OBJECTIVE 4.** Provide a plan which addresses consideration of non-motorized travel modes such as bicycles and pedestrians.

**OBJECTIVE 5.** Provide a plan which addresses the needs of intermodal movement of goods via rail and truck..

**OBJECTIVE 6.** Provide a plan that allows for an efficient system of intracity freight movements which does not conflict with the circulation of traffic.

**OBJECTIVE 7.** Provide a plan that improves travel safety.

**GOAL #4. *DEVELOP A TRANSPORTATION SYSTEM THAT WILL ENHANCE THE ECONOMIC, SOCIAL AND ENVIRONMENTAL FABRIC OF THE AREA, USING RESOURCES WISELY, WHILE MINIMIZING ADVERSE IMPACTS.***

**OBJECTIVE 1.** Provide a plan that increases job accessibility through improved transportation systems.

**OBJECTIVE 2.** Provide a plan that ensures that new transportation facilities result in disruption or displacement of residential or commercial areas only when the benefit to the community at large outweigh the costs and where no viable alternative exists.

**OBJECTIVE 3.** Provide a plan that works to ensure that transportation facilities avoid historic areas and structures, and other environmentally sensitive areas, while providing access when desired.

**OBJECTIVE 4.** Provide a plan to enhance the appearance of transportation facilities whenever possible.

**OBJECTIVE 5.** Provide a plan that reduces mobile emissions and meets air quality standards.

## **7. Planning Focus Areas**

The ARTS transportation planning process is continuous, cooperative, and comprehensive, and provides for consideration and implementation of projects, strategies and services that will address the eight planning factors included the Safe, Accountable, Flexible Transportation Equity Act: A Legacy for Users (SAFETEA-LU). The eight planning factors are listed below. The matrix included as Figure 4 in the UPWP identifies the planning factors applicable to each work element.

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency;
2. Increase the safety of the transportation system for motorized and non-motorized users;
3. Increase the security of the transportation system for motorized and non-motorized users;
4. Increase the accessibility and mobility of people and for freight;
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns;
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation; and
8. Emphasize the preservation of the existing transportation system.





## **PROGRAM ADMINISTRATION AND IMPLEMENTATION**

### **Work Elements:**

- 1.1 Program Coordination**
- 1.3 Training /Employee Education**
- 1.6 Unified Planning Work Program**



## **WORK ELEMENT 1.1 - PROGRAM COORDINATION / ADMINISTRATION**

**Purpose:** The purpose of this work element is to complete all of the basic activities needed to coordinate the work of Augusta Regional Transportation Study (ARTS) participants and insure compliance with all federal and state requirements.

Under this work element the overall work program schedule is monitored, reports are made to the Policy Committee, South Carolina Policy Subcommittee, Technical Coordinating Committee and Citizens Advisory Committee, and meetings of all ARTS committees are organized and recorded. Other administrative activities are performed as needed.

**Activity:** Activities under this work element include, but are not limited to the following:

1. Coordinate work among study participants, governments, and citizens;
2. Monitor work program schedule;
3. Chair the Technical Coordinating Committee meetings;
4. Provide progress reports to the Policy Committee and Citizens Advisory Committee;
5. Organize ARTS Committee meetings and preparing minutes of those meetings;
6. Travel to meetings with ARTS participants, as well as other transportation related meetings or conferences;
7. Amend the transportation planning process in response to changes in federal laws and regulations;
8. Submit progress reports with quarterly requisitions and a year-end progress report with the final requisition.

The MPO has the primary responsibility for completing activities under this work element, but the Aiken County Planning & Development Department, the GDOT and the SCDOT are also involved. The ACPDD will be responsible for its quarterly narrative reports (including the account of quarterly expenditures and the quarterly reimbursement requests) and its year-end progress report. Lower Savannah COG will be responsible for input and activities under this plan regarding transit in the urbanized area of Aiken County and the Best Friend Express transit system, which it administers.

**Previous Work:** Completed activities as detailed above during the previous program year.

**Work Schedule:** Complete program coordination activities as detailed above during the program year. Also, ACPDD will develop a Continuity of Operations (COOP) Plan for ARTS which will be used to ensure the continuity of essential office functions should an event such as a terrorist attack, fire, emergency or natural disaster occurs. **(2008 Certification recommendation # 15).**

Activities are continuous from July 2011 - 2012

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC, ACPDD, LSCOG

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	ARCPC	ACPDD	LSCOG	
FHWA (GA PL)	\$56,000.00			\$56,000.00
FHWA (SC PL)	\$6,000.00	\$43,600.00	\$800.00	\$50,400.00
ARCPC (GA PL Match)	\$14,000.00			\$14,000.00
ACPDD (SC PL Match)	\$1,500.00	\$10,900.00		\$12,400.00
LSCOG (SC PL Match)			\$200.00	\$200.00
FHWA (SEC 5307)			\$800.00	\$800.00
LSCOG (SEC 5307 MATCH)			\$200.00	\$200.00
TOTALS	\$77,500.00	\$54,500.00	\$2,000.00	\$134,000.00

### **WORK ELEMENT 1.3 - TRAINING AND EMPLOYEE EDUCATION**

**Purpose:** To expand the working knowledge of transportation planning methods, tools, and procedures of the staff members involved in ARTS activities.

Participation in transportation planning seminars, conferences and meetings is the focus of this work element. Concentration will be on courses and conferences that focus on air quality, public involvement, intelligent transportation systems, congestion management systems, environmental justice, compliance with FTA regulations livable and sustainable communities, and laws and intermodal issues.

**Activity:** Staff members will participate in transportation planning related seminars, conferences and meetings. This fiscal year we will concentrate on courses and conferences that focus on air quality, transportation conformity and intermodal issues. Staff members from both the Augusta Richmond County Planning Commission and the Aiken County Planning and Development Department will engage in these activities.

**Previous Work:** During the past year staff participated in work sessions for Georgia MPOs, Georgia Transit Association conferences, Georgia Planning Association conferences, and the monthly Augusta - GDOT breakfast meetings and the periodic GDOT construction work program meetings at the district office in Tennille. Staff also attended the annual Georgia MPO Conference held in Athens Savannah on November 30 - December 1, 2010. LSCOG staff participated in the Transportation Association of South Carolina's Annual Training Conference, and other training opportunities that related to the priorities herein.

**Work Schedule:** Attend transportation planning related seminars, conferences and meetings as opportunities arise. Focus on education opportunities related to topics covered by other work elements in the UPWP. Examples include GDOT training classes, the annual Georgia MPO conference and periodic work sessions, FHWA workshops and NTI training courses. the annual South Carolina MPO/COG conference, the Southeast Regional Transportation Forum hosted by the National Association of Development Organization, the Annual Training Conference sponsored by TASC and mandatory continued education for planning staff as required by the South Carolina State Legislature continuous from July 2011 to June 2012.

Activities are continuous from July 2011 - June 2012

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC, ACPDD, LSCOG

FUNDING SOURCE	ARCPC	ACPDD	LSCOG	TOTALS
FHWA (GA PL)	\$12,000.00			\$12,000.00
FHWA (SEC 5303)		\$4,800.00	\$7,200.00	\$12,000.00
ARCPC (GA PL Match)	\$3,000.00			\$3,000.00
ACPDD (SEC 5303 Match)		\$1,200.00		\$1,200.00
LSCOG (SEC 5303 Match)			\$1,800.00	\$1,800.00
FHWA (SEC 5307)			\$7,200.00	\$7,200.00
LSCOG (SEC 5307 MATCH)			\$1,800.00	\$1,800.00
TOTALS	\$15,000.00	\$6,000.00	\$18,000.00	\$39,000.00

## **WORK ELEMENT 1.6 - UNIFIED PLANNING WORK PROGRAM**

**Purpose:** The Unified Planning Work Program (UPWP) defines all ARTS planning activities which will be undertaken in any given fiscal year. The UPWP, which identifies the various agencies who will be performing each activity and determines sources of funding for study activities, will be prepared in conformance with Federal regulations.

Activities involved in preparing the UPWP include a review of planning issues, development of goals and objectives to address those issues, and development of a planning program which meets the stated goals and objectives. The planning program must be assigned to the proper study participants and funding for the program must be secured.

**Activity:** The UPWP is prepared annually. A new UPWP covering FY 2013 will be prepared for the ARTS area. The following activities will be undertaken in developing the UPWP:

1. Review transportation planning issues in the ARTS area;
2. Review other area planning activities, including those funded by non-PL sources;
3. Review changes in planning requirements following changes in federal law;
4. Prepare work element descriptions which address issues and goals of the planning process;
5. Identify program responsibilities for each work element;
6. Prepare cost estimates and secure proposed funding sources;
7. Submit new UPWP for review and adoption by the ARTS Policy Committee.

The MPO will consult with staff of other responsible agencies, especially the Aiken County Planning and Development Department, to determine activity descriptions, funding sources, and agency responsibility for selected work elements. The MPO will compile this information for the draft and final UPWPs.

**Product:** FY 2013 ARTS Unified Planning Work Program

**Previous Work:** The draft and the final FY 2012 Unified Planning Work Programs were prepared and submitted to state and federal agencies.

**Work Schedule:** FY 2013 ARTS Unified Planning Work Program

<b>ACTIVITY</b>	<b>EXPECTED COMPLETION DATE</b>
1. Establish draft list of work elements and budget for next program year	September 23, 2011
2. Complete activity descriptions & work schedules for work elements. Mail draft UPWP summary to CAC/TCC	October 28, 2011
3. CAC/TCC endorses Draft UPWP	November 11, 2011
4. Mail draft UPWP summary to Policy Committee	November 18, 2011
5. Policy Committee endorses Draft UPWP	December 1, 2011
6. Mail Draft UPWP to state and federal agencies	December 30, 2011
7. Incorporate comments from reviewing agencies & other stakeholders	January 27, 2012

ACTIVITY	EXPECTED COMPLETION DATE
8. Mail final UPWP summary to CAC/TCC	January 31, 2012
9. CAC/TCC endorses Final UPWP	February 10, 2012
10. Mail final UPWP summary to Policy Committee	February 20, 2012
11. Policy Committee approves final UPWP	March 1, 2012
12. Complete full text of final UPWP	March 30, 2012
13. Mail final UPWP to state and federal agencies	April 9, 2012

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC, ACPDD, LSCOG

FUNDING SOURCE	ARCPC	ACPDD	LSCOG	TOTALS
FHWA (GA PL)	\$4,800.00			\$4,800.00
FHWA (SC PL)	\$800.00	\$2,000.00		\$2,800.00
ARCPC (GA PL Match)	\$1,200.00			\$1,200.00
ACPDD (SC PL Match)	\$200.00	\$500.00		\$700.00
FTA SEC 5303	\$6,400.00		\$1,600.00	\$8,000.00
GA DOT (5303 Match)	\$800.00			\$800.00
ARCPC (SEC 5303 Match)	\$800.00			\$800.00
LSCOG (SEC 5303 Match)			\$400.00	\$400.00
FHWA (SEC 5307)			\$800.00	\$800.00
LSCOG (SEC 5307 MATCH)			\$200.00	\$200.00
TOTALS	\$15,000.00	\$2,500.00	\$3,000.00	\$20,500.00





## **PUBLIC INVOLVEMENT**

### **WORK ELEMENTS:**

#### **2.1 Community Outreach / Education**



## **WORK ELEMENT 2.1 - COMMUNITY OUTREACH / EDUCATION**

**Purpose:** To provide information to ARTS participants and the general public about the transportation planning process, to respond to requests for information from the public, and to foster meaningful public input into all transportation plans, programs and projects.

Public involvement is integral to the success of the regional transportation planning process. The ARTS Participation Plan, adopted by the Policy Committee on June 7, 2007, guides community outreach, education and public input into the regional transportation planning process. It also includes the steps to be taken to consult with other interested parties that have a stake in the transportation planning process. A variety of outreach and education techniques are employed to obtain public input including advertising proposed changes to ARTS documents. Examples include conducting public meetings, publishing a quarterly newsletter, responding to requests for information, making presentations to neighborhood and civic organizations, publishing information on the ARTS website, and advertising ARTS committee meetings. ARTS staff will continue to evaluate the effectiveness of these and other outreach activities and make adjustments as necessary with the goal of obtaining meaningful public input on all ARTS activities.

**Activity:** The MPO, the Lower Savannah Council of Governments, and the Aiken County Planning & Development Department will offer opportunity for comment on projects as they are considered for inclusion in the Long Range Plan, the TIP and other ARTS plans. The ARTS Participation Plan includes specific information about the strategies that will be used to consult with stakeholders, ensure timely and convenient access to all ARTS documents,, conduct outreach and aducation activities and obtain meaningful input from the public and other stakeholders.

Among the tools used to disseminate information about ARTS activities and meetings are distribution of regular meeting agendas to all stakeholders and area media outlets, publication and distribution of a quarterly newsletter, dissemination of ARTS publications (LRTP, TIP, etc.) for public review and comment, providing regular updates to ARTS committees about transportation projects and special studies, responding to requests for information from the public, and providing regaular feedback to members of the Citizens Advisory Committee on issues of concern. The MPO website is also used to disseminate basic information about ARTS (meeting agendas, major studies, quarterly newsletter, etc.).

**Previous Work:** ARTS staff activities during the last program year included –

- ❑ Distributed regular ARTS meeting agendas to stakeholders and all area media outlets
- ❑ Responded to requests for information/interviews from media outlets (print, TV and radio)
- ❑ Provided regular feedback to Citizens Advisory Committee on issues and concerns
- ❑ Held public and steering committee meetings related to the update of the ARTS Long Range Transportation Plan
- ❑ Provided opportunity for public to review and comment on amendments to the Transportation Improvement Program and Long Range Transportation Plan in accordance with the procedures in the PIP
- ❑ Published and distributed the ARTS newsletter
- ❑ Distributed ARTS information at other public meetings (e.g. community development, transportation project PIMs)
- ❑ Updated MPO website on a regular basis with information on ARTS meetings, plans and special studies
- ❑ Evaluated effectiveness of public involvement techniques
- ❑ Responded to requests for information from the general public and orther stakeholders

**Work Schedule:** During this program year MPO staff will implement the strategies in the ARTS Participation Plan. Anticipated public outreach opportunities include the following:

- Public meetings for the annual update of the Transportation Improvement Program
- Public meetings for completing the update of the Long Range Transportation Plan
- Meetings of the CSRA Air Quality Alliance.
- Public meetings related to other ARTS “Special Studies” conducted during the program year

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC, ACPDD, LSCOG

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	ARCPC	ACPDD	LSCOG	
FHWA (GA PL)	\$24,000.00			\$24,000.00
FHWA (SC PL)	\$2,000.00	\$4,400.00		\$6,400.00
FTA (SEC 5303)	\$4,800.00		\$1,600.00	\$6,400.00
ARCPC (GA PL Match)	\$6,000.00			\$6,000.00
GA DOT (SEC 5303 Match)	\$600.00			\$600.00
ARCPC (SEC 5303 Match)	\$600.00			\$600.00
ACPDD (SC PL Match)	\$500.00	\$1,100.00		\$1,600.00
LSCOG (SC PL Match)			\$400.00	\$400.00
FHWA (SEC 5307)			\$3,000.00	\$3,000.00
LSCOG (SEC 5307 MATCH)			\$750.00	\$750.00
TOTALS	\$38,500.00	\$5,500.00	\$5,750.00	\$49,750.00

## **DATA COLLECTION**

### **WORK ELEMENTS:**

- 3.1 SocioEconomic Data / Environmental Justice**
- 3.2 Land Use Monitoring**
- 3.4 Transportation Surveys, Models and Analysis**



### **WORK ELEMENT 3.1 - SOCIOECONOMIC DATA / ENVIRONMENTAL JUSTICE**

**Purpose:** Maintain a comprehensive, up-to-date socioeconomic database for the transportation planning process. Activity under this work element will be focused on maintaining and updating the socioeconomic data needed for the ARTS travel demand model. The principal activity involves the annual update of the following characteristics: occupied housing units, school enrollment, employment (retail, service, manufacturing, wholesale and total), total population and median household income. The work element also includes activities to identify the location and makeup of EJ communities throughout the study area. It will also include activities related to updating the boundaries of Traffic Analysis Zones (TAZs) as part of the 2010 Census.

The socioeconomic characteristics used in the ARTS travel demand model will be updated and major land use changes will be noted as they occur. The EJ data will be used to assess the impact of transportation projects on EJ communities. The basic socioeconomic data will be aggregated at the traffic zone level. EJ data will be aggregated at the Census Tract level. The MPO, with assistance from Columbia County, will continue to maintain the data for the Georgia portion of the study area. Aiken County and the Lower Savannah COG will maintain the data for the South Carolina portion of the ARTS area. The Georgia Department of Transportation will continue to maintain the ARTS travel demand model.

**Activity:** Activity under this work element focuses on the socioeconomic data used as inputs to the ARTS travel demand model. Data is either collected or estimated for the following factors: occupied housing units, school enrollment, retail employment, service employment, manufacturing employment, wholesale employment, total employment, total population, and median household income. In addition, EJ communities will be identified throughout the study area and the impact of transportation projects on these communities will be assessed. The following tasks are a part of completing this work element.

1. Collect calendar year 2011 building permit data (new construction and demolition) to determine net change in residential units.
2. Use net change in residential units and an occupancy factor to estimate the current number of occupied housing units.
3. Collect school enrollment figures for all public and private schools and allocate to the applicable TAZs.
4. Use state Department of Labor information (Area Labor Profiles in Georgia) to develop annual estimates of employment by place of work (total, retail, service, manufacturing and wholesale). Allocate employment to TAZs based on information from land use maps, site plans, permit records and manufacturing directories.
5. Use census median household income figures as a basis for making yearly estimates of change in household income levels.
6. Document outreach activities for low income and minority populations.

**Product:** Calendar year 2011 estimates, at the TAZ-level, of the following socioeconomic characteristics: occupied housing units, school enrollment, retail employment, service employment, manufacturing employment, wholesale employment, total employment, total population, and median household income. Estimates to be delivered to GDOT in Excel Spreadsheet format.

**Previous Work:** Compiled annual socioeconomic data estimates, at the TAZ-level.

**Work Schedule:**

ACTIVITY	EXPECTED COMPLETION DATE
1. Collect 2011 building permit data and allocate to TAZs	Collect and allocate monthly. Annual update completed by January 28, 2012
2. Collect school enrollment figures and allocate to TAZs	March 25, 2012
3. Collect latest employment estimates and allocate to TAZs based on known/observed trends	March 25, 2012
4. Estimate annual change in Household Income Level at the TZ level	March 25, 2012
5. Assess impact of transportation projects on EJ communities	As needed throughout the program year

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** ARCPC, ACPDD, LSCOG

FUNDING SOURCE	RESPONSIBLE AGENCY			TOTALS
	ARCPC	ACPDD	LSCOG	
FHWA (GA PL)	\$8,000.00			\$8,000.00
FHWA (SC PL)	\$1,200.00	\$5,200.00		\$6,400.00
ARCPC (GA PL Match)	\$2,000.00			\$2,000.00
ACPDD (SC PL Match)	\$300.00	\$1,300.00		\$1,600.00
FHWA (SEC 5307)			\$1,600.00	\$1,600.00
LSCOG (SEC 5307 MATCH)			\$400.00	\$400.00
TOTALS	\$11,500.00	\$6,500.00	\$2,000.00	\$20,000.00



### **WORK ELEMENT 3.2 - LAND USE MONITORING**

**Purpose:** Maintain and up-to-date land use database for the transportation planning process. Land use information is useful in annual update of socioeconomic estimates for the study area.

This work element involves monitoring changes in land use from one year to the next. ARTS staff will review new site plans, subdivision plats, and related information to evaluate the timing and location of land use changes taking place in the study area. Changes in land use may, in turn, trigger adjustments in socioeconomic data or have other impacts on the transportation system.

**Activity:** Land use changes will be tracked through review of zoning cases, site plans, and subdivision plans. More specifically, activity under this work element will include an inventory of present land uses and examination of future land use trends as necessary to integrate with the planning process. Also consideration of land use impacts and consistency with land use plans presently in effect.

**Product:** While a formal report will not be produced the observed land use changes will be factored into the annual update of socioeconomic estimates at the TAZ level.

**Previous Work:** Tracked changes in land use based on review of subdivision plans, site plans, zoning cases and building permit activity. The changes were then factored into socioeconomic data estimates.

**Work Schedule:** Land use changes will be tracked on a monthly basis and the changes noted during the calendar year will be factored into the TAZ-level socioeconomic estimates made for the calendar year.

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC, ACPDD

FUNDING SOURCE	ARCPC	ACPDD	TOTALS
FHWA (GA PL)	\$6,400.00		\$6,400.00
FHWA (SC PL)		\$3,200.00	\$3,200.00
ARCPC (GA PL Match)	\$1,600.00		\$1,600.00
ACPDD (SC PL Match)		\$800.00	\$800.00
TOTALS	\$8,000.00	\$4,000.00	\$12,000.00

### **WORK ELEMENT 3.4 - TRANSPORTATION SURVEYS, MODELS AND ANALYSIS**

**Purpose:** To promote and encourage traffic safety throughout the ARTS area. To compile and distribute historical and current accident statistics and other data related to traffic safety to the public at-large and to state and local officials responsible for traffic and transportation safety.

This work element involves collecting intersection accident data from the ARTS area counties and compiling into an annual report. Based on most recent available data, intersections where twenty (20) or more accidents have occurred will be collected on Columbia and Richmond Counties. Aiken County will be responsible for collecting and compiling intersection accident data for the South Carolina portion of the ARTS area for inclusion in the report. Accident data will be collected from intersections where ten (10) or more accidents have occurred or where there have been one or more fatalities.

**Activity:** Staff will collect and compile the most current available intersection accident data from Aiken, Columbia, and Richmond Counties. In addition, data will be collected on the top five accident locations, including time of accident, weather condition, severity, and type of accident. Data on Columbia County intersections will be sorted and compiled manually. Richmond County intersection accident data will be collected through the new Critical Accident Reporting Environment (CARE) software program. The CARE program includes accident data provided by GDOT. Aiken County will collect and compile intersection accident data for the South Carolina portion of the ARTS area for inclusion in the report.

The compilation of data and preparation of the report is affected by the following factors:

- The most current accident data available for download in the CARE software program is about a year behind.
- Aiken County has minimum staffing to collect and compile the intersection accident data.
- The South Carolina Department of Public Safety began charging for accident reports which causes delay in collecting the necessary information.

**Product:** ARTS Intersection Accident Analysis (IAA) Report based on the most current available data.

**Previous Work:**

- Sorted and compiled the most current intersection accident data for Aiken, Columbia, and Richmond Counties.
- Created collision diagrams and prepared maps for the IAA report.
- Coordinated with Richmond County Traffic Engineering in using the new CARE software program for Intersection Accident Analysis.
- Coordinated with the South Carolina Department of Public Safety and SCDOT in collecting collision experience study data for the Intersection Accident Analysis.
- The 2008 and 2009 Intersection Accident Reports were completed during 2011.

**Work Schedule**

ACTIVITY	EXPECTED COMPLETION DATE
1. Gather accident data from Richmond County and Columbia County Traffic Engineering, and Aiken County Planning and Development Department.	August 2011
2. Sort and compile data into required format	November 2011
3. Prepare maps to be used in the report	December 2011
4. Prepare draft IAA report	January 2012
5. Present results of IAA to ARTS committees	March 2012
6. Prepare and publish final IAA Report	June 2012
7. Amend Long Range Transportation Plan and/or TIP to incorporate new Intersection Improvement Projects.	As needed throughout the program year

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:****Responsible Agencies:** ARCPC, ACPDD

FUNDING SOURCE	ARCPC	ACPDD	TOTALS
FHWA (GA PL)	\$12,000.00		\$12,000.00
FHWA (SC PL)	\$400.00	\$3,600.00	\$4,000.00
ARCPC (GA PL Match)	\$3,000.00		\$3,000.00
ACPDD (SC PL Match)	\$100.00	\$900.00	\$1,000.00
TOTALS	\$15,500.00	\$4,500.00	\$20,000.00



## **SYSTEM PLANNING**

### ***WORK ELEMENTS:***

- 4.1** Congestion Management
- 4.2** Transit / Paratransit
  - 4.2.1** Public Administration-Augusta Public Transit
  - 4.2.2** Management & Operations - APT
  - 4.2.3** Program Administration - Aiken County Transit
  - 4.2.4** DBE Planning
  - 4.2.5** Transit Project Administration
  - 4.2.6** Update of Complementary Paratransit Plan
  - 4.2.7** Marketing & Public Information - SC
  - 4.2.8** Short Range Transit Planning - SC
  - 4.2.9** Long Range Transit Planning - SC
  - 4.2.10** Transit Financial Planning - SC
  - 4.2.11** Environmental Justice
- 4.3** Intermodal Planning
- 4.4** Air Quality Issues
- 4.8** GIS / Internet Development and Applications
- 4.11** Long Range Plan
- 4.12** Transportation Improvement Program
- 4.13** Special Transportation Studies



## **WORK ELEMENT 4.1 - CONGESTION MANAGEMENT**

**Purpose:** To continue implementing the ARTS Congestion Management Process (CMP) and incorporating congestion mitigation strategies and projects into the Long Range Plan and TIP.

A Congestion Management Process (CMP) must be part of the planning process in the ARTS area. Activities under this work element will include completing the annual travel time survey, publishing the annual ARTS CMP Report, and implementing specific congestion management strategies identified in the CMP Report. The MPO and ACPDD will cooperate with local and state agencies in implementing the congestion management strategies.

**Activity:** The purpose of the ARTS CMP is to document traffic congestion on major transportation corridors in the study area, identify strategies for reducing or eliminating the congestion, and track and/or program the implementation of congestion mitigation projects. Travel time surveys are conducted on some of the transportation corridors each year. Congestion levels are then assigned based on how much the average speed recorded during the survey deviates from the posted speed limit for each route. Congestion mitigation strategies are then identified for each route and tracked until implemented.

The MPO is responsible for coordinating all CMP activities including surveying the CMP routes in the Georgia part of the study area. ACPDD surveys the CMP routes in the South Carolina part of the study area and submits the results to the MPO for inclusion in the final report. The MPO and ACPDD continuously monitor transportation facilities for congestion mitigation strategies. The MPO will review the existing CMP and its application within the ARTS planning process and the Long Range Transportation Plan. Changes will be made to the CMP as a result of this review in order to meet requirements related to the Congestion Management Process.

**Product:** Complete travel time survey for the ARTS CMP; publish the annual ARTS CMP Report; implement specific congestion management strategies identified in the CMP Report.

**Previous Work:** The MPO and ACPDD completed all activities in the CMP work schedule and the 2010 and 2011 Congestion Management System reports were prepared and distributed.

### ***Work Schedule:***

<b>ACTIVITY</b>	<b>EXPECTED COMPLETION DATE</b>
1. Determine routes to be surveyed based on CMP data collection schedule, status of mitigation projects, and changes in the ARTS study area boundary.	September 2011
2. Conduct travel time survey of identified routes using GPS equipment	February - April 2012
3. Document status of mitigation projects included in previous year's CMP report	May 2012
4. Complete segment speed worksheets based on results of travel time survey	May 2012
5. Identify congestion mitigation strategies for the surveyed routes	May 2012
6. Prepare draft CMP report	May 2012
7. Present results of CMP to ARTS committees	June 2012
8. Prepare and publish final CMP	June 2012
9. Amend Long Range Plan and / or TIP	On going/As needed

ACTIVITY	EXPECTED COMPLETION DATE
by incorporating any new congestion mitigation projects resulting from the CMP	
10. Evaluate CMP Work Plan and amend based on experience gained from yearly update	On going/As needed

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC ACPDD

FUNDING SOURCE	RESPONSIBLE AGENCY		
	ARCPC	ACPDD	TOTALS
FHWA (GA PL)	\$20,000.00		\$20,000.00
FHWA (SC PL)	\$800.00	\$2,240.00	\$3,040.00
FTA (SEC 5303)	\$4,800.00		\$4,800.00
ARCPC (GA PL Match)	\$5,000.00		\$5,000.00
GA DOT (SEC 5303 Match)	\$600.00		\$600.00
ARCPC (SEC 5303 Match)	\$600.00		\$600.00
ACPDD (SC PL Match)	\$200.00	\$560.00	\$760.00
TOTALS	\$32,000.00	\$2,800.00	\$34,800.00



## **WORK ELEMENT 4.2 TRANSIT / PARATRANSIT**

### **WORK ELEMENT 4.2.1 - PUBLIC ADMINISTRATION - AUGUSTA PUBLIC TRANSIT**

**Purpose:** To provide planning and administrative assistance to Augusta Public Transit.

Under this work element, the MPO staff will provide assistance to Augusta Public Transit (APT) in preparing financial and operation's reports required by federal laws and regulations. Assistance in the preparation of the National Transit Database (NTD) reports will also continue. Additional administrative assistance will include: Preparing required certifications; Updating annual Title VI assurances; Providing opportunity for public hearings on grant applications and fare/service changes; Processing procurements involving Federal and State funds; Assisting in planning for transit system capital investments that will lead to increased security for the transit system; Monitoring requirements of the grant process (e.g. labor certifications, third party contracting, bidding and award process; Developing the Georgia public transportation portion of the Unified Planning Work Program; and providing technical assistance on any transit related issues facing APT.

**Activity:** In previous years the MPO staff has provided assistance to Augusta Public Transit as needed in preparing financial and operation's reports required by the Federal Transit Act of 1991. Assistance in the preparation of the National Transit Data base (NTD) reports will be continued.

Additional administrative assistance will include:

1. Preparing required certifications;
2. Updating annual Title VI assurances;
3. Providing opportunity for public hearings on grant applications and fare/service changes;
4. Processing procurements involving Federal and State funds;
5. Assisting in planning for transit system capital investments that will lead to increased security for the transit system;
6. Monitoring requirements of the grant process (e.g. labor certifications, third party contracting, bidding and award process);
7. Developing the Georgia public transportation portion of the Unified Planning Work Program; and
8. Providing technical assistance on any transit related issues facing APT.

**Product:** Submission of a grant application on behalf of Augusta Public Transit for capital and operating assistance. Submission of the NTD Report. Preparation of the GA UPWP transit elements.

**Previous Work:** Staff prepared and submitted for review and approval grant applications and the NTD report. UPWP transit elements were prepared.

**Work Schedule:** July 2011 through June 2012

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC

RESPONSIBLE AGENCY		
FUNDING SOURCE	ARCPC	TOTALS
FTA (SEC 5303)	\$66,470.40	\$66,470.40
GA DOT (SEC 5303 Match)	\$8,308.80	\$8,308.80
ARCPC (SEC 5303 Match)	\$8,308.80	\$8,308.80
TOTALS	\$83,088.00	\$83,088.00

#### **WORK ELEMENT 4.2.2 - MANAGEMENT & OPERATIONS - APT**

**Purpose:** To explore alternative financial resources that may be available to assist in financing public transportation service and to assess the financial capacity of Augusta Public Transit as required by FTA Circular 7088.1.

**Activity:** The major activity will be to continue assessing the financial capability of Augusta Public Transit and to secure other possible funding sources.

**Product:** Update Financial Capacity Assessment.

**Previous Work:** The Financial Capacity Assessment was updated for the Augusta Public Transit.

**Work Schedule:** July 2011 through June 2012

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC

RESPONSIBLE AGENCY		
FUNDING SOURCE	ARCPC	TOTALS
FTA (SEC 5303)	\$4,800.00	\$4,800.00
GA DOT (SEC 5303 Match)	\$600.00	\$600.00
ARCPC (SEC 5303 Match)	\$600.00	\$600.00
TOTALS	\$6,000.00	\$6,000.00

### **WORK ELEMENT 4.2.3 - PROGRAM ADMINISTRATION - AIKEN COUNTY TRANSIT**

**Purpose:** To provide planning and administrative assistance that will enable efficient system management for the Aiken County Transit System.

The Lower Savannah Council of Governments staff is responsible for both administering the operation of the Transit System and for undertaking the public transportation planning necessary to support the System. During the program year, the Lower Savannah COG staff will undertake the following primary activities: Provide staff support to the Aiken County Public Transit System; Actively participate in ARTS Committee meetings; Administer related compliance and planning, and enhancement requirements; Contract for planning, operation and administrative and enhancement needs for the operation of the Best Friend Express and Dial-a-Ride transportation systems; Provide for and facilitate improvements in the existing ITS infrastructure utilized by the Aiken County Transit System and pursue opportunities to fund additional ITS acquisitions; Provide for public hearings on grant requirements and fare/service changes; Participate in transit planning related seminars, conferences and meetings to expand knowledge of transit planning methods, tools and procedures. Lower Savannah COG will continue planning for ways to improve service of the Aiken County System and will research and pursue funding through other sources such as FTA Sections 5316 and 5317.

**Activity:** The Lower Savannah Council of Governments' staff is responsible for both administering the operating of the Transit System, and for undertaking the public transportation planning necessary to support the Transit System. The Transit System staff will undertake the following primary activities:

- ☒ Provide staff support to the Regional Transit Management Association (RTMA) Advisory Committee and regional human services and transit (ADRC) advisory committee, as they provide input concerning efficiencies, routing, and enhancement of the existing Best Friend Express system.
- ☒ Actively participate in ARTS Committee meetings;
- ☒ Continue work on behalf of Aiken County for submission of grant applications to appropriate sources.
- ☒ Administer related planning requirements;
- ☒ Contract with Aiken Area Council on Aging for planning and administrative funds for the Best Friend Express and Dial-a-Ride operations provided monitoring of current contract indicates all measurements have been fulfilled and extension of the contract is warranted;
- ☒ Provide opportunity for public hearings on grant applications and fare/service changes;
- ☒ Participate in transit planning related seminars, conferences, and meetings to expand the working knowledge of transit planning methods, tools, and procedures.

**Product:** Quarterly updates to Aiken County Council , FTA, and SCDOT on operation of the Best Friend Express and the overall Aiken County Transit Program.

**Previous Work:** In the past, staff has provided support to the ACTC ( no longer operable, but replaced with a regional committee focused on the urban and rural systems), administered the operation of the transit system and prepared and submitted grant applications for the operation of the transit system. Aiken County Council decided by Council action to transfer administrative responsibilities of the Aiken County Transit program to Lower Savannah Council of Governments. Lower Savannah Council of Governments currently operates a Regional Transit Management Association (RTMA) for a six county region, including the urban and rural portions of Aiken County, and is in process of developing an enhanced regional network of technology-enabled urban and rural transit systems and a center to help link consumers to transit resources and coordinate transit services.

In 2007, Lower Savannah COG , was selected as one of eight grantees in the nation, by the ITS Office of Joint Programs in the US Department of Transportation, under its Mobility Services for All Americans (MSAA) initiative. The activity under that grant was to design and develop a system design for implementing a regional

travel management coordination center. This center will provide individualized information and assistance to consumers seeking to make travel plans within or outside of the region. It will also serve as the center for coordination among participating human service, private and public transportation providers serving the six counties of the region, including the urbanized portion of Aiken County. LSCOG staff and the Aiken Transit system have worked closely with stakeholders and a technical design team and have developed this center, which is named the Lower Savannah Aging, Disability and Transportation Resource Center (ADTRC). It was launched on August 17, 2010 and is following a phased approach to deployment of all the new technologies. The project will serve the urban area in a significant way, and will provide integration on an enhanced level between rural and urban services that has been absent in the past. Additionally, through ARRA funds, LSCOG had the opportunity to provide adequate building space for the ADTRC and now has new offices which were built as an addition to the existing LSCOG building.

***Work Schedule: July 2011 through June 2012***

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies: LSCOG**

RESPONSIBLE AGENCY		
FUNDING SOURCE	LSCOG	TOTALS
FHWA (SC PL)	\$2,000.00	\$2,000.00
FTA (SEC 5307)	\$4,800.00	\$4,800.00
LSCOG (SC PL Match)	\$500.00	\$500.00
LSCOG (SEC 5307 Match)	\$1,200.00	\$1,200.00
TOTALS	\$8,500.00	\$8,500.00

#### **WORK ELEMENT 4.2.4 - DBE PLANNING**

**Purpose:** Planning support will be provided to APT in meeting requirements to comply with Federal regulations concerning the Disadvantaged Business Enterprise Program.

Planning support will be provided to Augusta Public Transit in meeting compliance standards for Disadvantaged Business Enterprises. Establishment of DBE goals and monitoring progress will be major activities.

**Activity:** The activities planned under this work element will include the maintenance of the DBE Program for Augusta Public Transit as required by the FTA Circular 4716.1A. Establishment of the annual DBE goals along with monitoring the program will be conducted.

**Product:** Maintenance of the Augusta Public Transit's DBE Program and the submission of annual goals.

**Previous Work:** Augusta Public Transit's DBE Program was maintained and annual goals were submitted for review and approval with the help of the City of Augusta's DBE Department.

**Work Schedule:** July 2011 through June 2012

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC

FUNDING SOURCE	ARCPC	TOTALS
FTA (SEC 5303)	\$1,600.00	\$1,600.00
GA DOT (SEC 5303 Match)	\$200.00	\$200.00
ARCPC (SEC 5303 Match)	\$200.00	\$200.00
TOTALS	\$2,000.00	\$2,000.00

#### **WORK ELEMENT 4.2.5 - TRANSIT PROJECT ADMINISTRATION - (SC)**

**Purpose:** To provide transit project and planning administration assistance for the Aiken County Transit System.

The Lower Savannah COG Staff will undertake the following project administration activities in support of the Aiken County Public Transit System. Oversee the contract for the operation of the Best Friend Express and Dial-a-Ride systems; Oversee other Contracts as needed including, Safety and Security elements as required by SAFETEA-LU. Oversee the conclusion of the USDOT Mobility Services for All americans project and related FTA funding that is ending during this work period for the implementation of a Travel Management and Coordination Center ; now known as the Lower Savannah Aging, Disability and Transportation Resource Center (ADTRC). This center is a one-call center to help consumers access transportation resources in the urbanized area and provides technology elements to vehicles serving the urbanized area's population. It will also help to integrate and link service and passengers from outlying areas with the Aiken County and Augusta public transit systems.

**Activity:** The Lower Savannah Council of Government's staff is responsible for both administering the operation of the Aiken County Transit System and for undertaking the transit planning necessary to support the Transit System. The Lower Savannah Council of Government System staff will undertake the following primary activities:

- Monitor and Administer the Aiken Area Council on Aging contract for operation of the Best Friend Express and Dial-A-Ride.
- Carry out project planning and management activities for the TMCC and technology enhancements on Aiken County Transit system vehicles.

**Product:**

- Best Friend Express Contract
- Dial-A-Ride Contract
- Deliverable documents as required under the MSAA project and input, updates and progress reports to relevant ARTS documents, demonstrating progress toward final implementation of ADTRC and coordinated/enhanced transit system.

**Previous Work:** Previously Aiken County Transit Staff prepared contracts and administered the operation of the transit system for Aiken County. That responsibility has been transferred to Lower Savannah Council of Governments by Aiken county Council.

**Work Schedule:** July 2011 through June 2012

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** LSCOG

FUNDING SOURCE	LSCOG	TOTALS
FTA (SEC 5303)	\$2,000.00	\$2,000.00
LSCOG (SEC 5303 Match)	\$500.00	\$500.00
FTA (SEC 5307)	\$4,384.00	\$4,384.00
LSCOG (SEC 5307 Match)	\$1,096.00	\$1,096.00
TOTALS	\$7,980.00	\$7,980.00

#### **WORK ELEMENT 4.2.6 – UPDATE OF COMPLEMENTARY PARATRANSIT PLAN**

**Purpose:** To conduct transportation planning activities that focus on the provision of sufficient public transportation service for the elderly and disabled and to implement Americans with Disabilities Act requirements.

Activities under this work element will focus on the provision of sufficient public transportation service for the elderly and disabled and to implement Americans with Disabilities Act requirements. This includes the annual update of the complementary paratransit plan for Augusta Public Transit (APT).

**Activity:** On July 26, 1990, the Americans with Disabilities Act of 1990 (ADA) was signed into law. The ADA expands on the Section 504 program to comprehensively address mobility needs of persons with disabilities. The ADA has already had sweeping implications for transportation providers by requiring that the purchase or lease of new transit vehicles be accessible to and usable by individuals with disabilities, including individuals who use wheelchairs. In July of 1991, the US. Department of Transportation issued a final rule which required each public entity operating a fixed route system to submit a plan to comply with the ADA by January of 1992. Thereafter the commencement of the implementation of that plan was to take effect, which should include the provision of supplemental paratransit service to meet the operational specifications of the ADA act. Under the Act Augusta Public Transit and Aiken County Transit will be required to develop and maintain a comprehensive paratransit plan.

**Product:** Annual update of the complementary paratransit plan for Augusta Public Transit and Aiken County Transit

**Previous Work:** The annual update of the complementary paratransit plan for Augusta Public Transit and Aiken County Transit was prepared.

**Work Schedule:** July 2011 through June 2012

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC

FUNDING SOURCE	ARCPC	TOTALS
FTA (SEC 5303)	\$1,600.00	\$1,600.00
GA DOT (SEC 5303 Match)	\$200.00	\$200.00
ARCPC (SEC 5303 Match)	\$200.00	\$200.00
TOTALS	\$2,000.00	\$2,000.00



#### **WORK ELEMENT 4.2.7 - MARKETING AND PUBLIC INFORMATION - (SC)**

**Purpose:** To plan and implement the marketing strategy for the continued success of the Aiken County Transit System.

LSCOG staff will implement the annual marketing program for the continued success of the Aiken County Public Transit System. A marketing plan is in place that will continue to encompass the following elements: marketing campaigns for specific services, and general awareness and promotional campaigns. Additional marketing activities will be planned in connection with the on-going marketing and development of the Lower Savannah Aging, Disability and Transportation Resource Center ( ADTRC).

**Activity:** Marketing will continue to be a priority in for the Aiken County Transit System. A marketing plan is in place which will continue to encompass the following areas:

1. Marketing campaigns for specific services.
  - Marketing of any new or revised service
  - Marketing of service for ADA eligible individuals
  - Planning for and carrying out marketing for mobility management and one-call services of the ADTRC
  - Continuing an internal marketing campaign for operational staff of Aiken County transit system to create ownership and pride in new technology enhancements and customer service improvement procedures
2. General awareness and promotional campaigns.
  - Enhancements to and expanded availability of information and schedules
  - Special elderly and disabled fares and service
  - Activities to improve public visibility and general awareness of transit service
  - Additional outreach to Limited English Proficiency individuals

**Product:** Annual marketing program encompassing the above primary goals.

**Previous Work:** Bus routes were tweaked to improve service and respond to consumer input. New and enhanced bus route and time schedules were produced and distributed to the public. Lower Savannah Council of Governments will continue all marketing efforts of the system.

**Work Schedule:** July 2011 through June 2012

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** LSCOG

FUNDING SOURCE	LSCOG	TOTALS
FHWA (SC PL)	\$4,000.00	\$4,000.00
LSCOG (SC PL Match)	\$1,000.00	\$1,000.00
FTA (SEC 5307)	\$5,000.00	\$5,000.00
LSCOG (SEC 5307 Match)	\$1,250.00	\$1,250.00
TOTALS	\$11,250.00	\$11,250.00

WORK ELEMENT 4.2.8

SHORT RANGE TRANSIT PLANNING

#### **WORK ELEMENT 4.2.8 - SHORT-RANGE TRANSIT PLANNING - SC**

**Purpose:** To provide short-range planning assistance for the Aiken County Transit System.

The Lower Savannah COG staff will undertake the required short-range transit planning activities. This includes preparing the necessary operations reports, periodically evaluating the level of transit service, monitoring requirements of the grant process, preparing the annual NTD report, preparing the annual update to the Title VI assurances, and helping prepare the FY 2013 UPWP.

**Activity:** The Lower Savannah COG staff is responsible for both administering the operation of the transit system and for undertaking the public transportation planning necessary to support the transit system. In this program year, the transit system staff will undertake the following primary activities:

1. Prepare operations and other reports required by Federal and State funding agencies;
2. Undertake periodic evaluation of service, with appropriate input from stakeholders, to identify the potential to enhance the service and increase use;
3. Undertake monitoring requirements of the grant process, i.e., bidding and award process, third party contracting and bus purchases;
4. Prepare the annual NTD report;
5. Prepare the annual update to the Title VI Assurances.
6. Participation in the metropolitan planning process, specifically preparation of the UPWP.
7. Planning activities necessary for the on-going enhancement of the Aging, Disability and Transportation Resource Center ( ADTRC.).

**Product:**

- The annual update to the Title VI Assurances;
- The annual NTD report.
- The UPWP
- Program updates and demonstrated progress toward on-going enhancement of mobility management and planning activities to enhance the ADTRC.

**Previous Work:** LSCOG staff prepared operations reports for federal and state agencies; evaluated service; monitored grants, bidding and award process, contracts and purchases; prepared the annual NTD report and annual update to Title VI; and participated in the planning process. LSCOG also hosted, in close cooperation with SCDOT meetings which led to the develop of the local coordination plan. LSCOG held a major kick-off and public awareness event to launch the ADTRC during FY 2011.

**Work Schedule:** *July 2011 through June 2012*

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** LSCOG

FHWA (SC PL)	\$16,400.00	\$16,400.00
LSCOG (SC PL Match)	\$4,100.00	\$4,100.00
FTA (SEC 5307)	\$40,256.00	\$40,256.00
LSCOG (SEC 5307 Match)	\$10,064.00	\$10,064.00
TOTALS	\$70,820.00	\$70,820.00

WORK ELEMENT 4.2.9

LONG RANGE TRANSIT PLANNING

#### **WORK ELEMENT 4.2.9 - LONG-RANGE TRANSIT PLANNING - SC**

**Purpose:** To provide long-range planning assistance for the Aiken County Transit System.

The Lower Savannah COG staff will undertake the following long range transit planning activities: prepare the Aiken County portion of and any related updates to the Statewide Transit Development and Coordination Plan; prepare updates, as needed, for the Regional Transit Coordination Plan; and participate in preparation of the ARTS Transportation Improvement Program.

**Activity:** The Lower Savannah COG's staff is responsible for both administering the operation of the Transit System and for undertaking the public transportation planning necessary to support the Transit System. In FY 2012, the Lower Savannah COG staff and Aiken County Planning staff will undertake the following primary activities:

1. Participation in the metropolitan planning process, specifically preparation of the TIP;
2. Participation in Statewide and Regional Transit Development & Coordination Plans.
3. Participation in planning activities related to on-going technology enhancements, implementation and sustainability for the ADTRC and technology-enhanced, coordinated local systems serving residents of the urbanized area of the region.

**Product:** The Aiken County Transit System portion of the Statewide Transit Development and Coordination Plan.

-The Regional Transit Coordination Plan.

-The TIP

-Program updates and demonstrated progress on on-going development and enhancement of the ADTRC, and technology enhancements on board Best Friend Express and Dial-a-Ride vehicles making possible better data collection, operational management efficiencies and development of programs for improved customer service.

**Previous Work:** Lower Savannah COG Staff prepared the Aiken County portion of the Statewide Transit Development and Coordination Plan, the Regional Transit Coordination Plan. and the Transportation Improvement Program. It also launched the Aging, Disability and Transportation Resource Center (ADTRC) to serve the urbanized area and help to link passengers from outlying areas to the Aiken County and Augusta transit systems. This new center is housed in a building constructed using ARRA urban FTA funds, which was opened during FY 2011.

**Work Schedule:** July 2011 through June 2012

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** LSCOG

FHWA (SC PL)	\$4,000.00	\$4,000.00
LSCOG (SC PL Match)	\$1,000.00	\$1,000.00
FTA (SEC 5307)	\$15,000.00	\$15,000.00
LSCOG (SEC 5307 Match)	\$3,750.00	\$3,750.00
TOTALS	\$23,750.00	\$23,750.00

WORK ELEMENT 4.2.10 TRANSIT FINANCIAL PLANNING (SC)

COST ESTIMATE AND PROPOSED FUNDING SOURCE

#### **WORK ELEMENT 4.2.10 - TRANSIT FINANCIAL PLANNING - SC**

**Purpose:** To provide financial planning assistance for the Aiken County Transit System.

The Lower Savannah COG staff will undertake the following financial planning activities: Prepare financial reports required by Federal and State funding agencies; work to obtain Federal and State funds to operate enhance and equip the Transit System; Develop a diverse, stable revenue base for the Transit System; Explore alternative financial resources available to assist financing transit services and enhancements of these services; and assess the financial capacity of the Aiken County Transit System as required by FTA Circular #7088.1.

**Activity:** The Lower Savannah COG staff is responsible for both administering the operation of the Transit System and for undertaking the public transportation planning necessary to support the Transit System. In FY 2012, the Transit System staff will undertake the following primary activities:

1. Prepare financial reports required by Federal and State funding agencies.
2. Work to obtain Federal and State funds to operate and equip the Transit System.
3. Develop a diverse, stable revenue base for the Transit System.
4. Explore alternative financial resources available to assist financing transit services and to assess the financial capacity of the Aiken County Transit System as required by FTA Circular #7088.1.
5. Apply for, manage and account for funds that provide mobility management services.
6. Apply for, manage and account for funds that sustain the technology previously acquired for the System and keep th eenhancements3in place with ongoing maintenance and support.

**Products:**

- Federal and State Quarterly Progress Reports.
- Federal and State Quarterly Financial Reports.
- FTA 5307 Grant Application.
- FTA 5303 Grant Application.
- FTA 5310, 5316, and 5317 Grant Applications
- State application for SMTF Funds.
- Local applications for funding.
- Other funds available through the ARRA
- Financial Capacity Assessment.

**Previous Work:** Lower Savannah Council of Governments' staff prepared quarterly progress and financial reports; grant applications for 5303, 5307, SMTF funds, local funds and a financial capacity assessment.

**Work Schedule:** July 2011 through June 2012

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:**

**Responsible Agencies:** LSCOG

LSCOG (SC PL Match)	\$700.00	\$700.00
FTA (SEC 5307)	\$9,000.00	\$9,000.00
LSCOG (SEC 5307 Match)	\$2,250.00	\$2,250.00
TOTALS	\$14,750.00	\$14,750.00

WORK ELEMENT 4.2.11 ENVIRONMENTAL JUSTICE

COST ESTIMATE AND PROPOSED FUNDING SOURCE

RESPONSIBLE AGENCY

#### **WORK ELEMENT 4.2.11 - ENVIRONMENTAL JUSTICE / TITLE VI**

**Purpose:** Identify residential, employment, and transportation patterns of low-income and minority populations, as defined under Executive Order 12898 and Title VI of the 1964 Civil Rights Act, and address those needs by increasing the partnerships with low-income and minority populations and the organizations that serve them. Title VI complaint process has been adopted by ARTS and APT to insure all individuals the rights and opportunities wishing to participate in the department's programs are given an equal chance to participate and/or receive departmental services or benefits.

**Activity:** ARTS and APT will continue to build relationships and enhance the transit agency's presence with key leaders and organizations in traditionally underrepresented communities through participation on local advisory and planning committees, presentations and speaking engagements, providing resource information and attending community networking events, workshops, and conferences. During this program year ARTS staff will continue to work with social service agencies, welfare recipients and other stakeholders to maintain and improve the link between low-income and minority populations and job opportunities. When consideration of route changes, especially decreases in service, LSCOG may pursue an environmental justice analysis to make sure changes are fair and equitable to low income and minority neighborhoods served by the Best Friend Express and in compliance with Title VI

**Product:** Develop a strategy to improve transportation services and facilities for all, including low-income and minority populations. This includes improving transportation linkages between home and work locations.

**Previous Work:** During the last program year staff worked with social service agencies to develop strategies and provide transportation to people making the transition from welfare to work. The Augusta Public Transit Title VI Plan was approved in 2008. Staff held public meetings with the Environmental Justice communities to gather input on needed highway, transit, and bike and pedestrian projects as part of the 2035 Long Range Transportation Plan update. Aiken County provided ARTS staff various contacts from the EJ community that participated in the Project Advisory Committee meetings for the 2035 LRTP update in 2010.

**Work Schedule:** July 2011 through June 2012

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC. LSCOG

ARCPC (SEC 5303 Match)	\$400.00		\$400.00
FTA (SEC 5307)	\$1,600.00	#REF!	#REF!
SC DOT (SEC 5307 Match)	#REF!	\$400.00	#REF!
LSCOG (SEC 5307 Match)	\$400.00	\$1,600.00	\$2,000.00
TOTALS	#REF!	#REF!	#REF!

#### **WORK ELEMENT 4.3**

#### **INTERMODAL PLANNING**

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE**



#### **WORK ELEMENT 4.3 - INTERMODAL PLANNING**

**Purpose:** To incorporate bicycle, pedestrian, transit, freight and non-motorized transportation planning activities into the overall ARTS transportation planning process. To implement projects that resolve conflicts between modes of transportation, such as rail / highway conflicts, and projects that improve connections among modes of transportation.

This work element will be used to foster a transportation system that accommodates bicycle, pedestrian, transit, freight and other non-motorized means of transportation. Activity under this work element will focus on evaluating the highway / rail conflicts in the ARTS area, to addressing the efficient movement of freight, and to identify possible solutions to problem locations as they are related to intermodal connections.

**Activity:** ARTS staff will continue to work on activities related to railroad relocation, transit facilities and bicycle and pedestrian projects. ARTS will also take steps to integrate freight transportation planning into the regional transportation planning process.

Multimodal planning will be a major element in the upcoming US 1/US 78 and SC 19 Corridor Studies for Aiken County. A regional bicycle and pedestrian plan update will be completed in 2011.

**Product:** No single product will be the end result of this work element.

**Previous Work:** An earmark of \$2.0 million was included in the FY 2004 supplemental Federal budget for planning and preliminary engineering of an unspecified rail relocation project and which has been rolled into the current TIP. The ARTS Regional Freight Study, completed in January 2009, identified several freight improvement projects that were included in the ARTS Long Range Transportation Plan.

**Work Schedule:** July 2011 through June 2012

#### ***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

**Responsible Agencies:** ARCPC, ACPDD

FTA (SEC 5303)	\$4,800.00		\$4,800.00
ARCPC (GA PL Match)	\$1,600.00		\$1,600.00
GA DOT (SEC 5303 Match)	\$600.00		\$600.00
ARCPC (SEC 5303 Match)	\$600.00		\$600.00
ACPDD (SC PL Match)	\$100.00	\$400.00	\$500.00
<b>TOTALS</b>	<b>\$14,500.00</b>	<b>\$2,000.00</b>	<b>\$16,500.00</b>

#### **WORK ELEMENT 4.4**

#### **AIR QUALITY ISSUES**

#### **COST ESTIMATE AND PROPOSED FUNDING SOURCE**

## WORK ELEMENT 4.4 - AIR QUALITY ISSUES

**Purpose:** To monitor relevant air quality data and regulations, coordinate the work of the CSRA Air Quality Alliance, help implement local and regional air quality initiatives, keep local stakeholders informed about air quality issues, and participate in air quality training.

Under this work element ARTS staff will continue to monitor relevant air quality data and regulations, coordinate the work of the CSRA Air Quality Alliance, help implement local and regional air quality initiatives, keep local stakeholders informed about air quality issues, and participate in air quality training.

**Activity:** ARTS staff will continue to monitor relevant air quality data, help implement local and regional air quality initiatives, coordinate the work of the CSRA Air Quality Alliance, monitor developments related to federal air quality regulations and requirements, attend air quality training workshops, work with other stakeholders to finalize an action plan for dealing with fine particulate matter, and disseminate information to stakeholders in the study area. All of these activities will be ongoing throughout the program year.

**Product:** No single product will be the end result of this work element. ARTS will continue to participate in local and regional air quality initiatives and activities as outlined above.

**Previous Work:** ARTS staff continued to work with local and state-level stakeholders to implement emission reduction strategies and to meet the Early Action Compact milestones. Examples of local emission reduction strategies include educating the public about ways to improve air quality, working with local stakeholders on issues related to a seasonal outdoor burning ban and Stage I Vapor Recovery Program, and implementing local greenspace protection programs. These and other strategies were incorporated into Early Action Plans (EAP) for Air Quality. The EAPs were then included in the State Implementation Plans (SIP) for Georgia and South Carolina.

ARTS continued to coordinate the activities of the CSRA Air Quality Alliance. The highlights of recent activities included

- Established a permanent web site for the CSRA Air Quality Alliance
- Developed an air quality presentation targeted to children, in cooperation with the South Carolina Department of Health and Environmental Control
- Made presentations on air quality to middle schoolers in Richmond County and elementary school children in McDuffie County
- Coordinated meetings between major employers (e.g. Fort Gordon, MCG, etc.) and representatives of the Clean Air Campaign designed to enlist participation in the Clean Air Campaign's Commuter Rewards Program.
- Air quality information distributed at special events in the Augusta-Aiken area
- Held periodic meetings of the Air Quality Alliance
- Started developing the action plan that will include local and regional air quality initiatives

ARTS staff continued to monitor air quality data and changes in federal air quality regulations. Staff also provided ARTS committees and other stakeholders with regular updates on the EAC, the CSRA Air Quality Alliance and air quality issues.

On the South Carolina side, Aiken County ARTS staff is periodically participating in various air quality meetings. Over the last year, two meetings involved discussions on the critical air quality challenges ahead of us and looming EPA decisions which will have a huge impact on existing industries and Aiken County's ability to recruit

new industry. Discussions included specific AQ issues with industry stakeholders of Aiken County. Also, a kickoff meeting was held by Fort Gordon, SRS, Georgia EPD, Georgia Forestry Commission, SC DHEC, and Aiken County to discuss prescribed burning/smoke management issues in the area.

Finally, the City of North Augusta has approved a Park & Ride Facility which could potentially benefit the air quality in the area as a result of ridesharing and fewer vehicle emissions. When completed, the facility would be located on a 3.4 acre parcel of SCDOT right-of-way in the northwest quadrant of Exit 5 off I-20. A conceptualization meeting co-hosted by SC DHEC was held in October 2009, which included, among others, local stakeholders from major manufacturing industries. SC DHEC will keep the EPA apprised of Aiken County's efforts such as this one, to continually improve air quality in the area.

***Work Schedule: July 2011 through June 2012***

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

***Responsible Agencies:*** ARCPC, ACPDD

FTA (SEC 5303)	\$1,600.00		\$1,600.00
ARCPC (GA PL Match)	\$4,000.00		\$4,000.00
GA DOT (SEC 5303 Match)	\$200.00		\$200.00
ARCPC (SEC 5303 Match)	\$200.00		\$200.00
ACPDD (SC PL Match)	\$400.00	\$900.00	\$1,300.00
TOTALS	\$24,000.00	\$4,500.00	\$28,500.00

WORK ELEMENT 4.8

GIS DEVELOPMENT & APPLICATIONS

COST ESTIMATE AND PROPOSED FUNDING SOURCE

## **WORK ELEMENT 4.8 - GIS / INTERNET DEVELOPMENT AND APPLICATIONS**

**Purpose:** Continue the development and maintenance of Geographic Information Systems (GIS) data and ARTS internet websites in support of transportation planning activities. Update computer hardware and software as necessary to keep pace with changes in GIS and other computer programs.

Under this work element ARTS staff will use Geographic Information Systems (GIS) and the internet to collect, analyze and display transportation-related information. GIS maps will be used to create maps for ARTS-related reports and presentations. The internet will be used to gather additional information (e.g. reports, data) used in transportation planning. Computer hardware and software will be purchased for use in regional transportation planning.

**Activity:** The MPO will continue to use its existing GIS for mapping activities and to develop compatible data layers. Thematic maps can be created for the entire study area using Census and CTPP information. Both the MPO and Aiken County will use internet websites to share information about the ARTS transportation planning process. LSCOG develops and maintains GIS data and interactive map websites that assist with the collection, analysis, and distribution of transportation related information.

**Product:** Products will include a wide variety of maps depicting such information as socioeconomic characteristics, transit routes, TIP and LRTP project locations, CMP routes and the updating of the ARTS and Air Quality websites..

### ***Previous Work:***

- Maps were generated for 2011 CMP and 2012-2015 TIP reports and posted on MPO website.
- Maps were created for the 2035 Long Range Transportation Plan update public meetings.
- Staff coordinated with Richmond County Traffic Engineering in using the Critical Accident Reporting Environment (CARE) software program for GIS related data.
- Staff attended an advanced GIS class called Building Geodatabases.
- Aiken County GIS staff continued updating the road layers for the County by adding new roads and editing existing ones. GIS staff also continued maintaining road centerlines and updating the Aiken County Road Atlas. Also, during the revising of the base year socioeconomic data, GIS staff collected data for TAZ's from an online census data service.

### ***Work Schedule:***

<b>ACTIVITY</b>	<b>EXPECTED COMPLETION DATE</b>
1. Prepare and use GIS maps for transportation planning and analysis	As needed throughout program year
2. Update website information on ARTS meetings and events	Monthly throughout program year
3. Post ARTS studies and reports (e.g. UPWP, TIP, CMP) on MPO website	As completed throughout program year (July 2011 – June 2012)

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

***Responsible Agencies:*** ARCPC, ACPDD, LSCOG

ARCPC (GA PL Match)	\$1,600.00			\$1,600.00
ACPDD (SC PL Match)		\$10,000.00		\$10,000.00
FHWA (SC PL)			\$1,600.00	\$1,600.00
LSCOG (SC PL Match)			\$400.00	\$400.00
FTA (SEC 5307)			\$1,600.00	\$1,600.00
LSCOG (SEC 5307 Match)			\$400.00	\$400.00
TOTALS	\$8,000.00	\$50,000.00	\$4,000.00	\$62,000.00

WORK ELEMENT 4.11                      LONG RANGE PLAN

COST ESTIMATE AND PROPOSED FUNDING SOURCE

RESPONSIBLE AGENCY

## **WORK ELEMENT 4.11 - LONG RANGE PLAN**

**Purpose:** Maintain the ARTS Long Range Transportation Plan in accordance with transportation planning regulations.

This work element involves making changes, as necessary, to the ARTS Long Range Transportation Plan. Amendments may be necessary due to changes in socio-economic conditions, the identification of additional transportation needs, or to take advantage of unforeseen project funding opportunities. The Georgia Department of Transportation will continue to maintain the ARTS travel demand model. ARTS staff will monitor the status of the LRTP and coordinate any changes to it.

**Activity:** Review and update the ARTS Long Range Plan as necessary in response to changing transportation needs and priorities and to conform with transportation planning regulations. Note that this work element funds ARTS staff work in support of any plan update or amendment.

**Product:** Updates or amendments to the ARTS Long Range Transportation Plan as needed.

**Previous Work:** The Year 2035 ARTS Long Range Transportation Plan update was completed by end of FY 2010 (June 2010).

**Work Schedule:** Any amendments to the 2035 LRTP will be considered at the appropriate time during FY 2012.

**COST ESTIMATE AND PROPOSED FUNDING SOURCE:** Note that this work element funds ARTS staff work related to LRTP Amendments or updates. Work by consultants on the LRTP is funded under the Special Studies Work Element.

**Responsible Agencies:** ARCPC, ACPDD

ARCPC (GA PL Match)	\$2,000.00		\$2,000.00
GA DOT (SEC 5303 Match)	\$400.00		\$400.00
ARCPC (SEC 5303 Match)	\$400.00		\$400.00
ACPDD (SC PL Match)	\$200.00	\$800.00	\$1,000.00
TOTALS	\$15,000.00	\$4,000.00	\$19,000.00

WORK ELEMENT 4.12                      TRANSPORTATION IMPROVEMENT PROGRAM  
COST ESTIMATE AND PROPOSED FUNDING SOURCE

RESPONSIBLE AGENCY

## **WORK ELEMENT 4.12 - TRANSPORTATION IMPROVEMENT PROGRAM**

**Purpose:** Update the ARTS Transportation Improvement Program (TIP) in conformance with Federal regulations.

This work element involves the annual update of the Transportation Improvement Program (TIP). The TIP covers a six-year programming period (four years for the TIP projects and two years for Tier II projects). Updates involve the removal of projects, which have advanced to construction, the development, or update of project descriptions or cost estimates, and the prioritization of projects. The TIP is developed with public input and is coordinated with other transportation providers. Documentation of the effort is submitted for review and adoption by ARTS committees and also goes through a public involvement process.

**Activity:** Develop and publish an updated TIP for the ARTS area. The TIP is a staged, multi-year, intermodal program of transportation projects consistent with the ARTS Long Range Transportation Plan. Following are the basic steps in the development of the TIP.

1. **Test Transportation Network** – Under the guidance of the Test Network Subcommittee, the ARTS travel demand model is tested based on updated conditions (e.g. socioeconomic factors, projects moving to construction, etc.) in order to develop an updated profile of regional transportation needs.
2. **Develop Draft TIP** – A draft version of the TIP is developed in consultation with all stakeholders. Consultation strategies in the ARTS Participation Plan will be used to obtain the necessary input.
3. **Adopt Draft TIP** – The draft TIP is adopted by the ARTS Policy Committee
4. **Public Review and Comment on Draft TIP** – The draft TIP is made available for public review and comment in accordance with the ARTS Participation Plan
5. **Adopt Final TIP** – The final TIP is adopted by the ARTS Policy Committee, incorporating any changes resulting from review and comment by the general public and other stakeholders.
6. **Implement TIP** – Projects in the TIP are implemented in accordance with the approved schedule. Implementation is done cooperatively by all stakeholders. During the course of implementation, it may be necessary to amend the TIP in response to changes in the scope, cost or priority of projects.

**Product:** Updated ARTS Transportation Improvement Program (TIP).

**Previous Work:** The ARTS Transportation Improvement Program (TIP) was developed during the previous fiscal year. Implementation of the TIP is ongoing.

**Work Schedule:** The schedule for development of the TIP is as follows:

ACTIVITY	EXPECTED COMPLETION DATE
1. Test Transportation Network	January 2012
2. Develop Draft TIP	February 2012
3. Adopt Draft TIP	March 3, 2012
4. Complete Public Review and Agency Consultation	April 2012
5. Adopt Final TIP	June 2, 2012
6. Implement TIP	Ongoing beginning July 1, 2012

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

***Responsible Agencies:*** ARCPC, ACPDD, LSCOG

ARCPC (GA PL Match)	\$4,000.00			\$4,000.00
GA DOT (SEC 5303 Match)	\$1,000.00			\$1,000.00
ARCPC (SEC 5303 Match)	\$1,000.00			\$1,000.00
ACPDD (SC PL Match)	\$400.00	\$900.00		\$1,300.00
LSCOG (SC PL Match)			\$1,000.00	\$1,000.00
FTA (SEC 5307)			\$4,800.00	\$4,800.00
LSCOG (SEC 5307 Match)			\$1,200.00	\$1,200.00
TOTALS	\$32,000.00	\$4,500.00	\$11,000.00	\$47,500.00

WORK ELEMENT 4.13

SPECIAL TRANSPORTATION STUDIES

COST ESTIMATE AND PROPOSED FUNDING SOURCE

RESPONSIBLE AGENCY



#### **WORK ELEMENT 4.13 - SPECIAL TRANSPORTATION STUDIES**

**Purpose:** To complete a planning-level transportation study (or studies) that address some need, problem or issue identified through the regional transportation planning process. The study can focus on a need or issue tied to a specific location in the study area or, preferably, addresses a transportation need beneficial to the entire region.

Typically funds allocated to the Special Study work element are used to hire a consultant to complete the study. Non-federal matching funds are required from the project sponsor, be it the MPO or other ARTS participant (e.g. local government).

**Activity:** To fund outside consultants or prepare in-house any transportation or traffic studies which may be needed. Final selection of special studies will depend on the availability of nonfederal share funds.

**Product:** Transportation studies as needed in the ARTS area. Any other special studies to be completed under this work element will be identified and agreed upon in consultation with all ARTS stakeholders. The LRTP must be updated and adopted by September 1, 2010. The Federal Highway Administration and Federal Transit Administration recommended that the Bicycle and Pedestrian Plan and the ATMS Master Plan be updated (see ARTS Certification Review Report of September 18, 2008). **(2008 Certification recommendation # 13)**

Three studies in progress include 1) Aiken County's travel demand model that also includes the ARTS boundary in Edgefield County, 2) City of Aiken's North Side Road Network Study, and 3) Aiken County's US 1/ 78 Corridor Study. The results from the North Side Study will be used as a reference for the upcoming SC Highway 19 Corridor Study. For the Highway SC 19 Corridor Study, Aiken County in conjunction with the City of Aiken expects to hire a consultant in Spring 2011 to begin this study. The City of Aiken expects to hire a consultant in Spring 2011 to begin the Dougherty Road Corridor Study. The studies that are expected to carry over into FY 2012 include US 1 / 78 Corridor Study, Bicycle and Pedestrian Plan, Highway SC 19 Corridor Study, and Dougherty Road Corridor Study.

**Previous Work:** Special studies completed in recent years include the ARTS Regional Freight Planning Study completed in March 2009. An updated Transit Development Plan for Augusta Public Transit was completed in the fall of 2009. The ARTS 2035 Long Range Plan update was completed in October 2010.

**Work Schedule:** The anticipated schedule for selection and completion of Special Studies is as follows:

ACTIVITY	EXPECTED COMPLETION DATE
1. Solicit Special Study proposals from ARTS stakeholders	January
2. CAC / TCC endorsement of Special Study	February
3. Policy Committee approves specific Special Study as part of final 2012 UPWP	March
4. Procure consultant for Special Study	June-August
5. Consultant begins Special Study project	September
6. Consultant completes Special Study project	June

***COST ESTIMATE AND PROPOSED FUNDING SOURCE:***

***Responsible Agencies:*** ARCPC, ACPDD

ACPDD (SC PL Match)	\$600.00	\$90,000.00	\$90,600.00
TOTALS	\$153,000.00	\$450,000.00	\$603,000.00

**METROPOLITAN PLANNING ORGANIZATION**

**MEMORANDUM OF UNDERSTANDING**

**FOR THE**

**AUGUSTA REGIONAL TRANSPORTATION STUDY**

**BETWEEN**

The Georgia cities of Hephzibah, Blythe and Grovetown, Columbia County, Georgia, the consolidated government of Augusta-Richmond County, Georgia, the Augusta-Richmond County Planning Commission, Fort Gordon, the Georgia Department of Transportation, the South Carolina Counties of Aiken and Edgefield, the South Carolina Cities of Aiken, North Augusta, and Burnetown, and the South Carolina Department of Transportation, in cooperation with the U.S. Department of Transportation.

**RELATIVE TO**

The urban transportation planning process known as the “Augusta Regional Transportation Study”

**I. IT IS THE INTENTION OF THE PARTIES:**

A. That the Augusta Regional Transportation Study (ARTS) is to:

1. Maintain a continuing, cooperative and comprehensive transportation planning process as defined in Title 23 USC Section 134 and results in plans and programs consistent with comprehensively planned development of the urbanized area.
2. Update and revise the 20 Year Multimodal Transportation Plan, to create a fiscally feasible transportation system that integrates thoroughfare development, public mass transportation, air facilities, rail systems, intermodal facilities, bicycle and pedestrian facilities and transportation enhancements; and reflects

consideration of the area's comprehensive land use plans and overall social, economic, environmental, and energy conservation plans, goals and objectives.

3. Create a functional relationship between transportation planning and city-county development.
4. Maintain the data obtained in the original data collection phase of the study and any pertinent data collected thereafter on a current level so that existing and forthcoming recommendations may be evaluated and updated periodically.
5. Produce all documents and studies that are necessary to maintain a Certified Transportation Planning Process.

II. **IS FURTHER AGREED**, that the areas of responsibility of the aforementioned counties, municipalities, and government agencies shall lie within the Metropolitan Area Boundary established by the Policy Committee of the Augusta Regional Transportation Study. This area includes all of Richmond County and parts of Columbia County, Aiken County and Edgefield County.

III. **IT IS FURTHER AGREED**, that the Metropolitan Planning Organization (MPO) as designated by the Governors of Georgia and South Carolina is the Augusta-Richmond County Planning Commission. The Augusta MPO shall have the primary responsibility for carrying out the urban transportation planning process and of developing the planning work programs, transportation plan, and transportation improvement program.

IV. **IT IS FURTHER AGREED**, that the ARTS shall be coordinated by a project director who shall be the Executive Director of the Augusta-Richmond County Planning Commission or his designee and the staff of said agency shall serve, in part, as staff to the ARTS program and process. Additional staff resources may be provided, upon request, from the Technical Coordinating Committee (TCC) membership and existing staff resources of the participating agencies and governments. The Project Director shall coordinate all requests under the direction of the Policy Committee.

V. **IT IS FURTHER AGREED**, that the ARTS Policy Committee shall continue to adopt appropriate goals, work programs, and plans; and establish the need, form, and direction of

future transportation improvements in the ARTS area. The Policy Committee shall be the MPO forum for cooperative decision-making by elected and appointed officials of general purpose local government and intermodal transportation providers. The individuals representing the government jurisdictions involved in the ARTS planning process and other involved agencies shall comprise the Policy Committee. The membership shall be enumerated in the Policy Committee Bylaws. The Policy Committee shall have final authority in the matters of policy and plan adoption for the Augusta Regional Transportation Study.

- VI. **IT IS FURTHER AGREED**, that the committee known as the Technical Coordinating Committee (TCC) shall continue to function to assure the involvement of all the applicable departments, advisory agencies, and multimodal transportation providers concerned with, or affected by, the planning process and subsequent implementation of plans. The TCC shall provide the technical guidance and direction of the Augusta Regional Transportation Study. The membership shall be enumerated in the Technical Coordinating Committee Bylaws.
- VII. **IT IS FURTHER AGREED**, that the Citizens Advisory Committee (CAC) shall continue to function as a public information and involvement committee, and shall be representative of a cross-section of the community. The CAC shall keep the Policy Committee and the Technical Coordinating Committee informed of the community's perspective and shall also provide information to the community about transportation policies and issues. The membership shall be enumerated in the Citizens Advisory Committee Bylaws.
- VIII. **IT IS FURTHER AGREED**, that the various committees meet at the appropriate stages in the planning process in accordance with the bylaws adopted by each committee.
- IX. **IT IS FURTHER AGREED**, that the **Georgia Department of Transportation**, only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:
- a. Provide available maps, aerial photographs, charts, and records as deemed necessary to maintain the study.
  - b. Update and maintain travel simulation models for use in evaluating the metropolitan area's transportation needs. Said models shall be the "official" ARTS models. The

Department shall also provide the expertise and computer software to maintain and update the model as necessary.

- c. Make periodic reviews of projected transportation needs; and revisions, when necessary, of the multimodal transportation plan.
- d. Aid the MPO in the preparation of planning-oriented preliminary engineering, right-of-way, and construction cost estimates for multimodal projects in the ARTS Multimodal Transportation Plan.
- e. Provide local agencies with current information concerning the status of planning and implementation of the ARTS Multimodal Transportation Plan.
- f. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.
- g. Incorporate, without modification, the Georgia portion of the adopted ARTS Transportation Improvement Program into Georgia's State Transportation Improvement Program; and coordinate with the ARTS Multimodal Transportation Plan in the development of the Georgia Statewide Transportation Plan.
- h. Facilitate with all participating parties an understanding of the development and amendment process for the Transportation Improvement Program and the Statewide Transportation Improvement Program.
- i. Annually certify to the FHWA and the FTA, concurrently with the Augusta MPO, that the ARTS planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable Federal laws.
- J Provide various types of traffic count data.
- k. Provide other assistance as mutually agreed upon.

X. **IT IS FURTHER AGREED**, that the **South Carolina Department of Transportation**, only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:

- a. Provide available maps, aerial photographs, charts, and records as deemed necessary to maintain the study.
- b. Aid the MPO in the preparation of planning-oriented preliminary engineering, right-of-way, and construction cost estimates for multimodal projects in the ARTS Multimodal

Transportation Plan. Provide local agencies with current information concerning the status of planning and implementation of the ARTS Multimodal Transportation Plan.

- c. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.
- d. Upon Commission approval, incorporate the South Carolina portion of the adopted ARTS Transportation Improvement Program into the South Carolina State Transportation Improvement Program; and coordinate with the ARTS Transportation Plan in the development of the South Carolina Statewide Transportation Plan. (Approved by Policy Committee June 14, 2006).
- e. Annually certify to the FHWA and the FTA, concurrently with the Augusta MPO, that the ARTS planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable Federal laws.
- f. Provide various types of traffic count data.
- g. Perform other duties as described in the Contract between the South Carolina Department of Transportation, Aiken County, and the Augusta-Richmond County Planning Commission for the Use of Section 104(f) Funds dated October 5, 1994.

XI. **IT IS FURTHER AGREED**, that the **Augusta-Richmond County Planning Commission**, only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:

- a. Assist in the preparation of planning-oriented preliminary engineering, right-of-way and construction cost estimates for projects in the ARTS Multimodal Transportation Plan.
- b. Update and maintain maps showing existing and proposed land use, and compare actual and projected land development.
- c. Evaluate zoning and subdivision requests for impacts on or from projects in the ARTS Multimodal Transportation Plan.
- d. Provide or obtain social and community development plans as may relate to transportation needs.
- e. Develop and maintain base-year and horizon-year socioeconomic data, by traffic analysis zone (TAZ), for use in ARTS traffic simulation models.

- f. Make recommendations for revisions of the ARTS Multimodal Transportation Plan to conform to any new planning goals, objectives, policies, or developments.
- g. Periodically review traffic analysis zone (TAZ) boundaries and make recommendations to the Technical Coordinating Committee to revise said boundaries as necessary. Cooperate with the Georgia and South Carolina Departments of Transportation in making any changes to TAZ boundaries.
- h. Provide needed maps, aerial photographs, charts, records, and directories to the extent possible.
- i. Collect, analyze, and distribute traffic data, such as traffic counts and accident data, to the public, governmental agencies, and other parties.
- j. Maintain and update a fiscally-constrained, multimodal transportation plan that results in the development of an integrated intermodal transportation system that facilitates the efficient movement of people and goods. The transportation plan shall be reviewed and updated at least every five years.
- k. Maintain, and update annually, a fiscally-constrained, three-year, multimodal Transportation Improvement Program (TIP) for Georgia, and a five-year TIP for South Carolina.
- l. Prepare an annual Unified Planning Work Program to document planning activities to be performed in the next fiscal year; in sufficient detail to indicate who will perform the work, the schedule for completion and the end products.
- m. Prepare an annual Performance Report that compares actual accomplishments to the work element descriptions in the Unified Planning Work Program.
- n. Compile, maintain, and document data on existing water, air, freight and rail terminal and transfer facilities.
- o. Maintain and update as necessary the ARTS Public Involvement Policy (PIP). The PIP documents how the MPO will support early and continuing involvement of the public in the development of transportation policies, plans and programs.
- p. Cooperate with the Georgia and South Carolina Departments of Transportation in the development and implementation of any transportation management systems mandated by Federal law. The MPO will have the lead responsibility in the development of the ARTS Congestion Management System.



- q. Ensure that the Congestion Management System and any other applicable management systems shall, to the extent appropriate, be part of the metropolitan transportation planning process, and shall be considered in the development of the transportation plan and the TIP.
- r. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.
- s. Perform duties as described in the Contract between the South Carolina Department of Transportation, Aiken County, and the Augusta-Richmond County Planning Commission for the Use of Section 104(f) Funds dated October 5, 1994.
- t. Annually certify to the FHWA and the FTA, concurrently with the Georgia and South Carolina Departments of Transportation, that the ARTS planning process is addressing the major issues facing the area and is being conducted in accordance with all applicable Federal laws.
- u. Prepare and submit quarterly and annual FTA reports.

XII. **IT IS FURTHER AGREED**, that **Augusta-Richmond County, Georgia** within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.
- d. Aid the MPO in developing planning-oriented preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.
- e. Be responsible for cooperating with the Augusta-Richmond County Planning Commission insofar as its authority extends.

**XIII. IT IS FURTHER AGREED,** that **Augusta Public Transit (APT)** shall:

- a. Provide instructions and directions to the Augusta-Richmond County Planning Commission as to studies and plans to be conducted on its behalf by the Augusta-Richmond County Planning Commission, including, but not limited to, corridor and sub-area studies when necessary.
- b. Make available to the Augusta-Richmond County Planning Commission any records, documents or information necessary to accomplish APT's planning objectives and to develop the Augusta Multimodal Transportation Plan and the TIP.
- c. Cooperate with the Georgia Department of Transportation in the development of any management systems mandated by Federal law..
- d. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.

**XIV. IT IS FURTHER AGREED,** that the **City of Grovetown, Georgia** within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates where applicable for the ARTS Multimodal Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

**XV. IT IS FURTHER AGREED,** that **Columbia County, Georgia** within its official jurisdiction be responsible for the following:

- a. Provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

**XVI. IT IS FURTHER AGREED**, that the **Aiken County, South Carolina** within its official jurisdiction be responsible for the following:

- a. Provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO and the Aiken County Planning and Development department for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.
- e. Perform duties as described in the Contract between the South Carolina Department of Transportation, Aiken County, and the Augusta-Richmond County Planning Commission for the Use of Section 104(f) Funds dated October 5, 1994.

**XVII. IT IS FURTHER AGREED**, that the **Edgefield County, South Carolina** within its official jurisdiction be responsible for the following:

- a. Provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO and the Aiken County Planning and Development department for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates for the ARTS Multimodal Transportation Plan.

**XVIII. IT IS FURTHER AGREED**, that the **City of North Augusta, South Carolina** within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and recommendations which could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.
- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO and the Aiken County Planning and Development Department for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates where applicable for the ARTS 20 Year Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

**XIX. IT IS FURTHER AGREED**, that the **City of Aiken, South Carolina** within its official jurisdiction be responsible for the following:

- a. Maintain and keep current records of fiscal operations and abilities, administrative practices, and laws and ordinances that affect and concern transportation. A re-evaluation of these items shall be made at least every five (5) years and the results and

recommendations which could affect the ARTS program will be coordinated with the Technical Coordinating Committee and the Policy Committee.

- b. Maintain records of accidents occurring on the roads and highways by location and description, and maintain these files on a current basis and provide the data to the MPO for analysis and reports.
- c. Aid the MPO in developing preliminary engineering, right-of-way and construction cost estimates where applicable for the ARTS 20 Year Transportation Plan.
- d. When appropriate, provide funding for right-of-way acquisition and clearance that may be required for ARTS construction projects and be the agent responsible for acquiring said right-of-way.

XX. **IT IS FURTHER AGREED**, that the **City of Burnettown, South Carolina** shall provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.

XXI. **IT IS FURTHER AGREED**, that the **City of Hephzibah, Georgia** shall provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.

XXII. **IT IS FURTHER AGREED**, that the **City of Blythe, Georgia** shall provide the staff of the Augusta-Richmond County Planning Commission with information needed to maintain and update ARTS transportation plans and to carry out work elements in the UPWP.

XXIII. **IT IS FURTHER AGREED**, that the **Lower Savannah Council of Governments (LSCOG)**, in its capacity as administrator of **Aiken County Transit**, shall:

- a. Make available to the Augusta-Richmond County Planning Commission any records, documents or information necessary to accomplish planning objectives related to Aiken County Transit and to develop the Augusta Multimodal Transportation Plan and the TIP.
- b. Cooperate with the South Carolina Department of Transportation in the development of any management systems mandated by Federal law..

- c. Work cooperatively with all participating agencies when it is necessary to complete a Major Investment Study.

**XXIV. IT IS FURTHER AGREED**, that **Fort Gordon** either provide or assist the staff of the Augusta-Richmond County Planning Commission in gathering information needed to maintain and update ARTS transportation plans, to carry out work elements in the UPWP, and to insure that Fort Gordon is adequately served by the ARTS.

**XXV. IS FURTHER AGREED**, that:

- a. The Study shall be of a continuing, comprehensive, cooperative nature and that all planning decisions shall be reflective of and responsive to the needs and desires of the local communities as well as the programs and requirements of the Georgia and South Carolina Departments of Transportation and the U.S. Department of Transportation.
- b. A reappraisal shall be made of the Study whenever there is a significant change in the community's goals and objectives, land use patterns, or travel characteristics, or at least once every five (5) years.
- c. The participating agencies shall cooperate in all phases of the Study. Adequate and competent personnel shall be assigned to insure development of adequate and reliable data.
- d. All parties to this agreement shall have access to all study related information developed by the other agencies, including the right to make duplication thereof.

This document is a Memorandum of Understanding expressing the present intentions of the parties. Nothing contained herein shall require the undertaking of any act, project, study, analysis, or any other activity by any party until a contract for such activity is executed. Nor shall this document require the expenditure of any funds by any party until a contract authorizing such expenditure is executed.

However, nothing contained herein shall be construed to prohibit any party's undertaking any act, project, study, analysis, or any other activity which the party is required by law or contract to undertake as part of any other program which fulfills some function shown herein as intended to be

performed by the party undertaking such act, project, study, analysis, or other activity.

In witness whereof, the parties hereto have executed this Memorandum of Understanding, this 18<sup>th</sup> day of June, 2006.

CITY OF AUGUSTA-RICHMOND COUNTY

Lynn J. Hurley  
Witness

Nancy W. Morawski  
Notary Public  
Notary Public, Columbia County, Georgia  
My Commission Expires Aug. 1, 2006

Willie Mays  
Mayor - Willie Mays

AUGUSTA PUBLIC TRANSIT

[Signature]  
Witness

[Signature]  
Notary Public  
NOTARY PUBLIC  
RICHMOND COUNTY, GEORGIA  
COMMISSION EXPIRES ON 05/08/09

Heyward Johnson  
Transit Director - Heyward Johnson

CITY OF HEPHZIBAH

Michael E. Rhodes  
Witness

[Signature]  
Notary Public  
4-20-07

D. B. Atkins  
Commission Chairman - D. B. Atkins

CITY OF BLYTHE

Jesse T. Hornsby Sr.  
Witness

Liam H. Chancey  
Notary Public  
Liam H. Chancey, Notary Public  
Richmond County, Georgia  
My Commission Expires Nov. 13, 2007

Tom Cobb  
Mayor - Tom Cobb

CITY OF GROVETOWN

Shirley Brasley  
Witness

[Signature]  
Notary Public

Dennis Trudeau  
Mayor - Dennis Trudeau



COUNTY OF COLUMBIA

Yinder B. Yindley  
Witness

Shelley L. Swain  
Notary Public  
Notary Public, Columbia County, Georgia  
My Commission Expires Oct. 23, 2006

Ron P. Cross  
Commission Chairman – Ron Cross

AUGUSTA-RICHMOND COUNTY PLANNING COMMISSION

Sadie A. Womack  
Witness

Anna Russell  
Notary Public  
NOTARY PUBLIC  
RICHMOND COUNTY, GEORGIA  
COMMISSION EXPIRES ON 05/08/09

George A. Patty  
Executive Director – George A. Patty

COUNTY OF AIKEN – Aiken County, South Carolina, a body  
politic and corporate and a political subdivision  
of the State of South Carolina

APPROVED AS TO FORM  
11/10/05  
ROBERT M. BELL, LLC  
AIKEN COUNTY ATTORNEY

Tamara Sullivan  
Witness / ATTEST: Council Clerk

Victoria J. Pearson  
Notary Public  
My Commission Expires April 17, 2008

Ronnie Young  
Council Chairman – Ronnie Young

BEST FRIEND EXPRESS

Connie H. Shade  
Witness

Ann H. Anderson  
Notary Public  
My Commission Expires June 6, 2010

Wayne Rogers  
Executive Director, Lower Savannah COG  
Wayne Rogers

CITY OF NORTH AUGUSTA

Louderell W. Bens  
Witness

Donna Rose Branch Young  
Notary Public  
my comm. expires 7/9/09

Lark W. Jones  
Mayor - Lark W. Jones

CITY OF AIKEN

Susan L. Mimmie  
Witness

Jamie K. Xara  
Notary Public for S.C.  
Comm. Expires 7-2-2003

Fred Cavanaugh  
Mayor – Fred Cavanaugh

FORT GORDON

Doc B. Kille  
Witness

Joel R. Clark  
Notary Public

Randolph P. Strong  
Brigadier General – Randolph P. Strong  
Commanding, US Army Signal Center & Fort Gordon

MUNICIPALITY OF BURNETTOWN

Calvin G. Agram  
Witness

Ann R. Rouse  
Notary Public  
NOTARY PUBLIC  
RICHMOND COUNTY, GEORGIA  
MISSION EXPIRES ON 05/08/03

C. H. Wilkins  
Mayor –

Signed, Sealed, and Executed for the GEORGIA DEPARTMENT OF TRANSPORTATION:

RECOMMENDED:

Dorel M. Ro  
Director of Transportation Planning, Data  
and Intermodal Development:

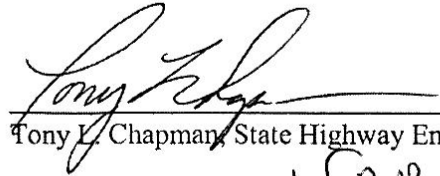
Matthew Fowler  
Witness

Harold Linnenkohl  
Georgia DOT Commissioner

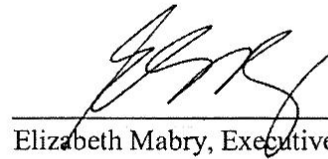
\_\_\_\_\_  
Notary Public

Signed, Sealed, and Executed for the SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION:

RECOMMENDED:

  
Tony L. Chapman, State Highway Engineer

*JW RKP*

  
Elizabeth Mabry, Executive Director

Attest:

  
Mo Denny, Division Deputy Director  
Finance & Administration



## **APPENDIX C**

### **AUGUSTA REGIONAL TRANSPORTATION STUDY COMMITTEES**

#### **POLICY COMMITTEE**

##### **VOTING**

Deke Copenhaver, Mayor (Chairman)  
Augusta, GA

Ron Cross, Chairman (Vice-Chairman)  
Columbia Co. Commission, GA

Robert Buchwitz, Chairman  
Hephzibah Commission

Vance Smith, Commissioner  
GA DOT

Lark Jones, Mayor  
North Augusta, SC

Fred Cavanaugh, Mayor  
Aiken, SC

George James, Mayor  
Grovetown, GA

C. H. Williams, Mayor  
City of Burnetown, SC

Patricia Cole, Mayor  
City of Blythe

Ronnie Young, Chairman  
Aiken County Council, SC

Glenn A. Kennedy, II, Colonel  
Fort Gordon, GA

H. B. Limehouse, Jr.  
SC DOT

##### **NON-VOTING**

Don Grantham, State Transportation Board  
GA

Don Skinner, Chairman, CAC  
ARTS

Rodney Barry, Division Administrator  
FHWA - GA

J. Craig Forrest, Commissioner (1/2 vote)  
SC 2<sup>nd</sup> Congressional District

George A. Patty, Project Director  
ARTS

R. Eddie Adams, Commissioner (1/2 vote)  
SC 3<sup>rd</sup> Congressional District

Robert Lee, FHWA  
SC

#### **TECHNICAL COORDINATING COMMITTEE**

##### **VOTING**

Thomas Zeaser, Engineer  
City of North Augusta, SC

Joe Berry, Engineer  
Aiken County, SC

Abie Ladson, County Engineer  
Augusta, GA

Gary LeTellier, Director  
Augusta Regional Airport, GA

Skip Grkovic, Director  
Planning & Economic Development  
North Augusta, SC

Don Skinner, Chairman  
ARTS CAC

Larry Morris, Director of Public Works  
City of Aiken, SC

Richard Harmon, Director  
Planning & Development Services  
Columbia County, GA

Ed Evans, Director  
Planning & Community Development Department  
Aiken, SC

Mike Sullivan  
Metropolitan Planning, SC DOT

John Curry, Deputy to Garrison Commander  
Fort Gordon, GA

Stephen Strohming, Director  
Planning & Development Department  
Aiken County, SC

George A. Patty, Project Director  
ARTS

Matt Schlachter, County Engineer  
Columbia County, GA

Heyward Johnson, Director  
Augusta Public Transit  
Augusta, GA

Steve Cassell, Traffic Engineer  
Augusta, GA

Connie Shade, Manager  
Aiken County Transit, SC  
Lower Savannah Council of Governments

Rueben Woods, Transportation Planning  
GA DOT

### **NON-VOTING**

Dan Hinton, Planning & Environmental Engineer  
FHWA (SC)

Cynthia VanDyke, State Tran. Planning Administrator  
GADOT

Steve Kish, Transit Planning & Development, GADOT

Marya Moultrie, Transportation Planner, ARCPC

Andy Crosson, Executive Director CSRA RDC

John Humeston, Intermodal Plng Engineer/  
Manager, FHWA (GA)

Glenn Bowman, Environ Location Engineer,  
GADOT

Paul DeCamp, Planning Director, ARCPC

Juriah Lewis, Transit Planner, ARCPC

Wayne Rogers, Executive Director, LSCOG

**CITIZENS ADVISORY COMMITTEE**

**VOTING**

Don Skinner - Chairman, Columbia County

Les Morton - Vice-Chairman, Augusta

Greg Capers, Columbia County

Mark Ivey, Columbia County

Wilbert Gallop, Augusta

Willie Bell, Aiken





FIGURE 1 AUGUSTA REGIONAL TRANSPORTATION STUDY FUNDING FY 2012		ARTS MPO (ARCPC)				AIKEN CO		ARCPC (APT) & LSCOG (ACT)								TOTAL
		ARCPC		ACPDD		ACPDD		SC PL	SC PL	FTA	SEC 5303	SEC 5303	FTA	SEC 5307		
		PL		SC PL		SC PL		LSCOG	LSCOG	SEC 5303	GA STATE	LOCAL	SEC 5307	LOCAL		
		GA PL	Match	SC PL	Match	SC PL	Match	FUNDS	Match	FUNDS	Match	Match	FUNDS	Match		
1.1	Program Coordination/Administration	\$56,000	\$14,000	\$6,000	\$1,500	\$43,600	\$10,900	\$800	\$200	\$0	\$0	\$0	\$800	\$200	\$134,000	
1.3	Training/Employee Education	\$12,000	\$3,000	\$0	\$0	\$4,800	\$1,200	\$7,200	\$1,800	\$0	\$0	\$0	\$7,200	\$1,800	\$39,000	
1.6	UPWP	\$4,800	\$1,200	\$800	\$200	\$2,000	\$500	\$1,600	\$400	\$6,400	\$800	\$800	\$800	\$200	\$20,500	
Subtotal		\$72,800	\$18,200	\$6,800	\$1,700	\$50,400	\$12,600	\$9,600	\$2,400	\$6,400	\$800	\$800	\$8,800	\$2,200	\$193,500	
2.1	Community Outreach / Education	\$24,000	\$6,000	\$2,000	\$500	\$4,400	\$1,100	\$1,600	\$400	\$4,800	\$600	\$600	\$3,000	\$750	\$49,750	
Subtotal		\$24,000	\$6,000	\$2,000	\$500	\$4,400	\$1,100	\$1,600	\$400	\$4,800	\$600	\$600	\$3,000	\$750	\$49,750	
3.1	Environmental Justice & Socioeconomic Data	\$8,000	\$2,000	\$1,200	\$300	\$5,200	\$1,300	\$0	\$0	\$0	\$0	\$0	\$1,600	\$400	\$20,000	
3.2	Land Use Monitoring	\$6,400	\$1,600	\$0	\$0	\$3,200	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,000	
3.4	Transportation Surveys, Models & Analysis	\$12,000	\$3,000	\$400	\$100	\$3,600	\$900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	
Subtotal		\$26,400	\$6,600	\$1,600	\$400	\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$1,600	\$400	\$52,000	
4.1	Congestion Management	\$20,000	\$5,000	\$800	\$200	\$2,240	\$560	\$0	\$0	\$4,800	\$600	\$600	\$0	\$0	\$34,800	
4.2	Transit / Paratransit															
4.2.1	Program Admin - APT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$66,470	\$8,309	\$8,309	\$0	\$0	\$83,088	
4.2.2	Management & Operations - APT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,800	\$600	\$600	\$0	\$0	\$6,000	
4.2.3	Program Admin - ACT	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$500	\$0	\$0	\$0	\$4,800	\$1,200	\$8,500	
4.2.4	DBE Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,600	\$200	\$200	\$0	\$0	\$2,000	
4.2.5	Transit Project Admin - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$500	\$0	\$0	\$0	\$4,384	\$1,096	\$7,980	
4.2.6	Update of Complementary Paratransit Plan	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,600	\$200	\$200	\$0	\$0	\$2,000	
4.2.7	Marketing / Public Information - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000	\$1,000	\$0	\$0	\$0	\$5,000	\$1,250	\$4	
4.2.8	Short Range Transit Planning - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$16,400	\$4,100	\$0	\$0	\$0	\$40,256	\$10,064	\$70,820	
4.2.9	Long Range Transit Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000	\$1,000	\$0	\$0	\$0	\$15,000	\$3,750	\$23,750	
4.2.10	Transit Financial Planning - SC	\$0	\$0	\$0	\$0	\$0	\$0	\$2,800	\$700	\$0	\$0	\$0	\$9,000	\$2,250	\$14,750	
4.2.11	Environmental Justice / Title VI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,200	\$400	\$400	\$1,600	\$400	\$6,000	
4.3	Intermodal Planning	\$6,400	\$1,600	\$400	\$100	\$1,600	\$400	\$0	\$0	\$4,800	\$600	\$600	\$0	\$0	\$16,500	
4.4	Air Quality Issues	\$16,000	\$4,000	\$1,600	\$400	\$3,600	\$900	\$0	\$0	\$1,600	\$200	\$200	\$0	\$0	\$28,500	
4.8	GIS Development & Applications	\$6,400	\$1,600	\$0	\$0	\$40,000	\$10,000	\$1,600	\$400	\$0	\$0	\$0	\$1,600	\$400	\$62,000	
4.11	Long Range Plan	\$8,000	\$2,000	\$800	\$200	\$3,200	\$800	\$0	\$0	\$3,200	\$400	\$400	\$0	\$0	\$19,000	
4.12	Transportation Improvement Plan	\$16,000	\$4,000	\$1,600	\$400	\$3,600	\$900	\$4,000	\$1,000	\$8,000	\$1,000	\$1,000	\$4,800	\$1,200	\$47,500	
4.13	Special Transportation Studies	\$120,000	\$30,000	\$2,400	\$600	\$360,000	\$90,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$603,000	
SUBTOTAL		\$192,800	\$48,200	\$7,600	\$1,900	\$414,240	\$103,560	\$36,800	\$9,200	\$100,070	\$12,509	\$12,509	\$86,440	\$21,610	\$1,036,192	
GRAND TOTAL		\$316,000	\$79,000	\$18,000	\$4,500	\$481,040	\$120,260	\$48,000	\$12,000	\$111,270	\$13,909	\$13,909	\$99,840	\$24,960	\$1,342,688	

2/4/2011

FIGURE 2 AGENCY PARTICIPATION UNIFIED PLANNING WORK PROGRAM ARTS FY 2012					
WORK ELEMENT	ARCPC	ACPDD	APT	LSCOG	FY 2011 TOTAL
1.1 Program Coordination/Administration	\$77,500	\$54,500	\$0	\$2,000	\$134,000
1.3 Training/Employee Education	\$15,000	\$6,000	\$0	\$18,000	\$39,000
1.6 UPWP	\$7,000	\$2,500	\$8,000	\$3,000	\$20,500
<b>Subtotal</b>	\$99,500	\$63,000	\$8,000	\$23,000	\$193,500
2.1 Community Outreach / Education	\$32,500	\$5,500	\$6,000	\$5,750	\$49,750
<b>Subtotal</b>	\$32,500	\$5,500	\$6,000	\$5,750	\$49,750
3.1 Environmental Justice & Socioeconomic Data	\$11,500	\$6,500	\$2,000	\$0	\$20,000
3.2 Land Use Monitoring	\$8,000	\$4,000	\$0	\$0	\$12,000
3.4 Transportation Surveys, Models & Analysis	\$15,500	\$4,500	\$0	\$0	\$20,000
<b>Subtotal</b>	\$35,000	\$15,000	\$2,000	\$0	\$52,000
4.1 Congestion Management	\$26,000	\$2,800	\$6,000	\$0	\$34,800
4.2 Transit / Paratransit	\$0	\$0	\$0	\$0	\$0
4.2.1 Program Admin - APT	\$0	\$0	\$83,088	\$0	\$83,088
4.2.2 Management & Operations - APT	\$0	\$0	\$6,000	\$0	\$6,000
4.2.3 Program Admin - ACT	\$0	\$0	\$0	\$8,500	\$8,500
4.2.4 DBE Planning	\$0	\$0	\$2,000	\$0	\$2,000
4.2.5 Transit Project Admin - SC	\$0	\$0	\$0	\$7,980	\$7,980
4.2.6 Update of Complementary Paratransit Plan	\$0	\$0	\$2,000	\$0	\$2,000
4.2.7 Marketing / Pubic Information - SC	\$0	\$0	\$0	\$11,250	\$11,250
4.2.8 Short Range Transit Planning - SC	\$0	\$0	\$0	\$70,820	\$70,820
4.2.9 Long Range Transit Planning - SC	\$0	\$0	\$0	\$23,750	\$23,750
4.2.10 Transit Financial Planning - SC	\$0	\$0	\$0	\$14,750	\$14,750
4.2.11 Environmental Justice / Title VI	\$0	\$0	\$4,000	\$2,000	\$6,000
4.3 Intermodal Planning	\$8,500	\$2,000	\$6,000	\$0	\$16,500
4.4 Air Quality Issues	\$22,000	\$4,500	\$2,000	\$0	\$28,500
4.8 GIS Development & Applications	\$8,000	\$50,000	\$0	\$4,000	\$62,000
4.11 Long Range Plan	\$11,000	\$4,000	\$4,000	\$0	\$19,000
4.12 Transportation Improvement Plan	\$22,000	\$4,500	\$10,000	\$11,000	\$47,500
4.13 Special Transportation Studies	\$153,000	\$450,000	\$0	\$0	\$603,000
<b>Subtotal</b>	\$250,500	\$517,800	\$125,088	\$154,050	\$1,047,438
<b>GRAND TOTAL</b>	<b>\$417,500</b>	<b>\$601,300</b>	<b>\$141,088</b>	<b>\$182,800</b>	<b>\$1,342,688</b>

**FIGURE 3**  
**ARTS UPWP FY 2012**  
**PLANNING WORK SCHEDULE**

		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
WORK ELEMENT													
1.1	Program Coordination/Administration	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
1.3	Training/Employee Education	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
1.6	UPWP				◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆			◆◆◆◆◆
2.1	Community Outreach / Education	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
3.1	Environmental Justice & SocioEc Data	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
3.2	Land Use Monitoring	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
3.4	Transportation Surveys, Models & Analysis							◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.1	Congestion Management								◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2	Transit / Paratransit	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2.1	Program Admin - APT	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2.2	Management & Operations - APT	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2.3	Program Admin - ACT	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2.4	DBE Planning	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2.5	Transit Project Admin - SC	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2.6	Update of Complementary Paratransit Plan	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2.7	Marketing / Pubic Information - SC	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2.8	Short Range Transit Planning - SC	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2.9	Long Range Transit Planning	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2.10	Transit Financial Planning - SC	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.2.11	Environmental Justice / Title VI	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.3	Intermodal Planning	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.4	Air Quality Issues	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.8	GIS Development & Applications	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.11	Long Range Plan	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.12	Transportation Improvement Plan							◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4.13	Special Transportation Studies	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆

**FIGURE 4**  
**FY 2012 UPWP**

**PLANNING WORK ELEMENTS**

**Planning Focus Area Matrix**

	#1	#2	#3	#4	#5	#6	#7	#8
<b>PROGRAM ADMINISTRATION &amp; IMPLEMENTATION</b>								
1.1 Program Coordination/Administration	X	X	X	X	X	X	X	X
1.3 Training/Employee Education	X	X	X	X	X	X	X	X
1.6 UPWP	X	X	X	X	X	X	X	X
<b>PUBLIC INVOLVEMENT</b>								
2.1 Community Outreach / Education	X	X	X	X	X	X	X	X
<b>DATA COLLECTION</b>								
3.1 Environmental Justice & Socioeconomic Data	X	X	X	X	X	X	X	X
3.2 Land Use Monitoring	X	X	X	X			X	X
3.4 Transportation Surveys, Models & Analysis	X	X	X	X	X	X	X	X
<b>SYSTEM PLANNING</b>								
4.1 Congestion Management	X	X	X	X	X	X	X	X
4.2 Transit / Paratransit	X	X	X	X	X	X	X	X
4.2.1 Program Admin - APT	X	X	X	X	X	X	X	X
4.2.2 Management & Operations - APT	X	X	X	X	X	X	X	X
4.2.3 Program Admin - ACT	X	X	X	X	X	X	X	X
4.2.4 DBE Planning	X	X	X	X	X	X	X	X
4.2.5 Transit Project Admin - SC	X	X	X	X	X	X	X	X
4.2.6 Update of Complementary Paratransit Plan	X	X	X	X	X	X	X	X
4.2.7 Marketing / Pubic Information - SC	X	X	X	X	X	X	X	X
4.2.8 Short Range Transit Planning - SC	X	X	X	X	X	X	X	X
4.2.9 Long Range Transit Planning - SC	X	X	X	X	X	X	X	X
4.2.10 Transit Financial Planning - SC	X	X	X	X	X	X		
4.2.11 Environmental Justice / Title VI	X	X	X	X	X	X	X	X
4.3 Intermodal Planning	X	X	X	X	X	X	X	X
4.4 Air Quality Issues	X	X	X	X	X	X	X	X
4.8 GIS Development & Applications	X	X	X	X	X		X	X
4.11 Long Range Plan	X	X	X	X	X	X	X	X
4.12 Transportation Improvement Plan	X	X	X	X	X	X	X	X
4.13 Special Transportation Studies	X	X	X	X	X	X	X	X

**Planning Focus Areas**

- #1 Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- #2 Increase the safety of the transportation system for motorized and non-motorized users;
- #3 Increase the security of the transportation system for motorized and non-motorized users;
- #4 Increase the accessibility and mobility of people and for freight;
- #5 Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
- #6 Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- #7 Promote efficient system management and operation; and
- #8 Emphasize the preservation of the existing transportation system.